

NDWorks

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News for Notre Dame faculty and staff and their families

Law and market behavior

New program to promote interdisciplinary research

BY CHARLES WILLIAMS, LAW SCHOOL

Nell Jessup Newton, dean of the Notre Dame Law School, has announced the development of a new interdisciplinary program, The Notre Dame Research Program on Law and Market Behavior (ND LAMB). The Law School and the Office of the Vice President for Research are jointly funding the program with a three-year grant.

Under the direction of Professor Avishalom Tor, ND LAMB will promote research across the various fields that study how the law and legal institutions shape and are shaped by the market behaviors of individuals and firms.

The research agenda examines issues across a number of legal fields—from corporate governance, antitrust and intellectual property, through property and contract, to market regulation more generally—and draws extensively on relevant extralegal research in psychology, economics, business and beyond.

By building on the existing strengths of both the University and NDLS and focusing on original legal scholarship that emphasizes observational and experimental empirical methods, ND LAMB's work will seek to influence the way scholars and policymakers think about a range of legal and policy issues at the intersection of law and market behavior.

Tor is internationally recognized as a behavioral law-and-economics scholar, working in the increasingly important area of law and market behavior. He was co-director of the Forum on Law and Markets at the University of Haifa Faculty of Law before joining NDLS in 2011. He is a board member of the European Association of Law and Economics, and his interdisciplinary work has been published in legal, decision-making, psychological and economic journals, and has received extensive coverage from international media.

Seeking answers to complex questions

Integrating science and technology for the common good

BY CAROL C. BRADLEY, NDWORKS

The John J. Reilly Center for Science, Technology and Values focuses on three broad areas in support of its mission, says center director and professor of philosophy Don A. Howard: education, research and outreach.

The Reilly Center, established in 1985, is named for the father of alumnus Jack Reilly '63, '64.

Reilly, whose gift created the initial endowment for the center, is a graduate of the Arts and Letters/Engineering dual degree program.

Education: The center's first academic initiative, an undergraduate minor in science, technology and values, was launched in 1986 with a three-year startup grant from the National Endowment for the Humanities. Today the center is home to three different academic programs.

The **History and Philosophy of Science Ph.D. program** is a unique interdepartmental doctoral program that prepares students for a wide range of professions, from academia to science journalism or positions in museums, libraries and publishing.

The **Arts and Letters/Engineering dual-degree program** is a five-year course of study that combines professional training in engineering with a rich experience of humanistic, artistic and social-scientific perspectives.

Exploring complex questions where science and technology meet society, the **Science, Technology, and Values undergraduate minor**—with 120 students enrolled, says Howard—is the largest non-departmental minor on campus.

Research: The center hosts a rapidly growing array of research partnerships with technical units on campus, including the Environmental Change Initiative, NDNano, Advanced Diagnostics and

Therapeutics, the Wireless Institute and the Eck Global Health Initiative.

"We have our own research initiatives," Howard notes. "Foremost among them, ETNSI, Emerging Technologies of National Security and Intelligence, informally called weapons ethics. Work is being done on topics from drones to soldier bio-enhancement to cyber conflict and autonomous systems that let the machine make the call."

Outreach, says Howard, takes many forms. The center has a cadre of 50 Reilly Fellows across campus, faculty members "who through their teaching and research have evinced a strong commitment to looking at the social, ethical and legal impact of science and technology."

An online publication, the Reilly Center Reports, is a vehicle for making the work of the center accessible to policy makers, science journalists and the educated scientific laity—the non-specialist.

The point, says Howard, is to make accessible to the public the best thinking and information on a wide array of questions about how science and technology affect human affairs.

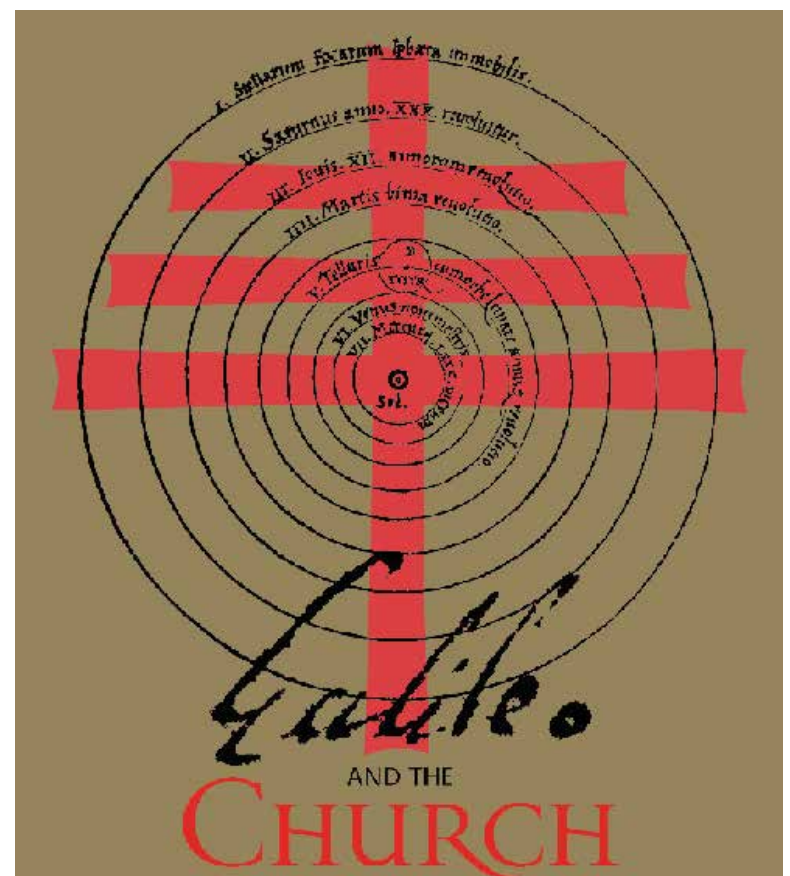
The center is also moving into social media with the launch of a Facebook page focusing on events and discussions, facebook.com/NDReillyCenter.

It's recently been announced that the center will be the new home for annual meetings of the International Society for Military Ethics, beginning in 2013; the center also conducts outreach locally as sponsor of the Northern Indiana Regional Science and Engineering Fair.

The center has experienced rapid growth, says Howard, "and we're still looking at what our role will be. We want to be a partner with technical faculty, to help them talk about social, ethical, legal and policy implications of science and technology. We also want to take our voice off-campus, and be more than a campus leader—we want to be a national and international leader."



Don Howard, professor of philosophy and director of the Reilly Center



The Reilly Center is home to a number of important academic conferences, including past conferences on Galileo and the Church and Darwin in the 21st Century. Coming up in June 2013 is the Biennial History of Astronomy Workshop.

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Sculpture Park



Team Irish



New Faculty



Dublin

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NEWS BRIEFS

ORDERING CAMPUS MAPS

Updated campus maps are now available. Order by going to agencynd.wufoo.com/forms/campus-map-order-form (phone orders will not be accepted.) Maps will be delivered in 3-5 business days from date of order. There is no charge for maps. Please order on an as-needed basis.

THE CHAPELS OF NOTRE DAME

“The Chapels of Notre Dame,” by **Lawrence S. Cunningham**, John A. O’Brien Professor of Theology, and **Matt Cashore**, senior University photographer, has been published by University of Notre Dame Press.

The book features 200 full-color photographs taken by Cashore,

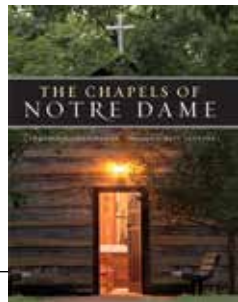
MATT CASHORE



interspersed with Cunningham’s commentary on the theological, artistic, architectural and historic dimensions of the 57 chapels embedded throughout Notre Dame’s campus.

Ranging from the Log Chapel on the south bank of St. Mary’s Lake, where Mass has been celebrated since

1831, to the sparsely adorned Flanner Hall chapel on that building’s second floor, where students and staff members often spend a few moments in quiet prayer, it provides a unique and intimate glimpse of faith as it is lived at Notre Dame.



The **Patheos.com** website selected “The Chapels of Notre Dame” as its August book club selection.

A book launch and signing for “The Chapels of Notre Dame” will be held Friday, Sept. 21, at 3:30 p.m. in the lobby of Notre Dame’s Eck Visitor Center. The event will include remarks by **John Affleck-Graves** and Cunningham.

CAMPUS DRINKING WATER MEETS HIGHEST STANDARDS

The University’s 2011 annual **Consumer Confidence Report** on drinking water quality shows that drinking water on campus meets the Environmental Protection Agency’s highest standards, with all monitored contaminants measuring below allowable levels, says **Mike**

McCauslin, assistant director of risk management and safety.

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

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

Questions regarding the system or sampling results should be directed to McCauslin, 631-5037, or **Paul Kempf**, director of utilities, 631-6594. To download a copy of the complete report, visit riskmanagement.nd.edu.

Campus sculpture park under construction

BY MICHAEL O. GARVEY,
PUBLIC RELATIONS

Construction has begun on the **Notre Dame Sculpture Park**, which will be located in an eight-acre woodland on the southern edge of campus, between the Irish Green and the Compton Family Ice Arena. The new park is a project of the Snite Museum of Art and the Office of the University Architect.

The park was designed by landscape architect Michael Van Valkenburgh, whose prior designs include the Allegheny Riverfront Park in Pittsburgh, Mill Race Park in Columbus, Ind., and Teardrop Park in downtown Manhattan. The park will be completed in late fall.

In addition to providing public space for the contemplation and enjoyment of nature and art, the new park will be available as a venue for occasional academic class sessions, poetry readings and musical concerts.

“The Notre Dame Sculpture Park will create an attractive new amenity not only for campus, but also for the local community and for national art aficionados,” says **Charles Loving**, director of the Snite Museum. “Situated at the front door to campus, this park-like exhibition

space will feature internationally renowned artists.

“The inaugural exhibition will explore the theme of ‘Regeneration of Man and Nature’ utilizing sculptures from the permanent collection of the Snite Museum, some of which were acquired specifically for the exhibition.”

The inaugural theme of regeneration is particularly appropriate for the site, a former landfill with a pond formed by runoff water from adjacent parking lots. Indigenous flora, including trees, shrubs and prairie grass to be planted later in the summer, will help restore the area to its natural state and obviate the need for irrigation, fertilization, chemical spraying and annual pruning.

The installation of the inaugural exhibition of the Notre Dame Sculpture Park will begin this fall, and the featured works will include George Rickey’s kinetic stainless steel “Two Lines Oblique”; “Tracery,” a bronze by Deborah Butterfield; Richard Hunt’s Corten steel “Maquette for Wing Generator”; Stephen DeStaeble’s bronze “Single Winged Figure on Plinth”; and Peter Randall-Page’s granite “Little Seed.”

PHOTOS PROVIDED



Sculptures to be installed in the new park include “Tracery,” a bronze by Deborah Butterfield (above right); Richard Hunt’s Corten steel sculpture “Maquette for Wing Generator” (left); and Stephen DeStaeble’s bronze “Single Winged Figure on Plinth” (above left).



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. 14, 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!



Theologians publish book on Eucharist

Companion volume to work on Baptism

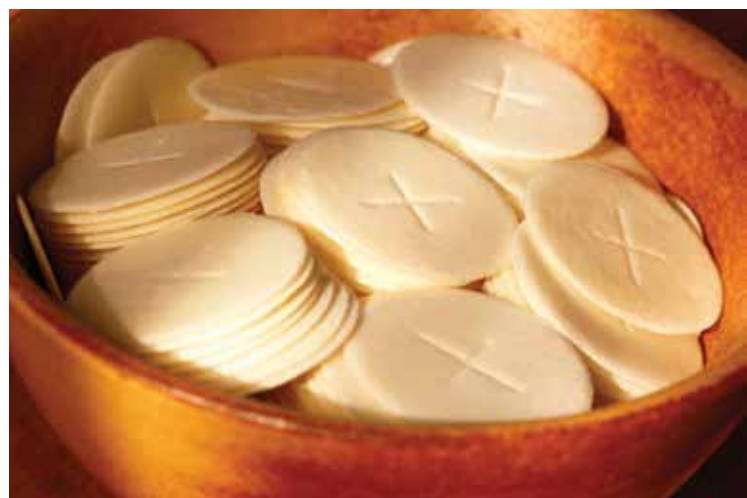
BY MICHAEL O. GARVEY, PUBLIC RELATIONS

“The Eucharistic Liturgies: Their Evolution and Interpretation,” by Notre Dame theology professors **Paul F. Bradshaw** and **Maxwell E. Johnson**, has recently been published by Liturgical Press of Collegeville, Minn.

The book concerns the historical development of the theology and liturgy of the Eucharist, from the early Christian communal meals to the diverse Eucharistic liturgies of Eastern and Western Christians.

It was conceived by its authors as a companion volume to a similar work on Baptism, “The Rites of Christian Initiation,” which Johnson wrote five years ago and which has become a standard text in graduate theology programs.

“We’ve tried to demonstrate the ongoing importance of historical-liturgical scholarship in coming to understand the centrality of the Eucharistic Liturgy in Christian life and faith,” says Johnson. “The liturgist Rev. Robert Taft, S.J., has often noted that ‘those ignorant of history are subject to the latest cliché.’ With liturgical changes taking place so rapidly in our own day, being firmly rooted in history remains of the utmost importance.”



Paper-based devices detect counterfeit drugs

Tests are simple and inexpensive

BY GENE STOWE AND
MARISSA GEBHARD

Marya Lieberman, associate professor of chemistry and biochemistry, has collaborated with faculty and students to demonstrate advances in paper analytical devices (PADs) to test for counterfeit drugs. The promising low-tech solution has received broad attention in the scientific community. Lieberman’s work was featured in Chemical and Engineering News and presented recently at the American Chemical Society’s 244th National Meeting in Philadelphia.

In June, Lieberman and graduate student **Abigail Weaver** were invited to present at a workshop in Nairobi, Kenya. The Gates Foundation and Grand Challenges Canada funded the workshop that brought U.S. researchers together with African academics and policy makers to survey state-of-the-art diagnostics designed for use in low-resource settings—such as clinics that do not have reliable electrical power.

With Weaver, Lieberman demonstrated paper analytical devices for detection of counterfeit antibiotics, anti-malarials and anti-TB medications. Although the PAD is not able to quantify the amount of each pharmaceutical ingredient present, it distinguished pure amoxicillin and amoxicillin that had

been adulterated with maize meal in the Kenya workshop.

Pharmacists and officials in Kenya are continually looking for counterfeit pharmaceuticals but frequently lack access to the complex testing equipment necessary to confirm a drug’s authenticity. The PADs will provide a workable alternative to ordinary laboratory tests because they combine a simple and inexpensive test with the powerful African cell phone

network to enable both individuals and institutions to detect low-quality pharmaceuticals.

“We would whip out our paper devices and do tests right there on their desktops,” Lieberman said.

Users can swipe tablets across the paper, which is prepared with different lanes to detect different ingredients and reveals the content with a color code. The device can detect both the desired active ingredients in the tablet and the presence of unauthorized fillers, a common problem in counterfeit



A Kenyan pharmacist uses a paper analytical device to test for counterfeit drugs.

drugs in developing countries.

“These tests are possible because we’re making a smart material, where information on how to add the reagents is stored in the paper matrix and the test output can be read like a color bar code.”

The devices were developed in collaboration with **Holly Goodson** of the Department of Chemistry and Biochemistry, **Patrick Flynn** of the Department of Computer Science and Engineering and **Toni Barstis** of the Department of Chemistry and Physics at Saint Mary’s College.

NOTRE DAME HOLDS CONFERENCE AT THE ROYAL IRISH ACADEMY IN DUBLIN

Festivities in Dublin, Ireland, over Labor Day weekend included academic as well as sporting events. On Aug. 30 at the Royal Irish Academy, scholars from Notre Dame and Ireland discussed the historical, political and social impact of the 1916 Irish rebellion, the uprising that challenged British rule and established the Irish Republic. At the event, the Keough-Naughton Institute for Irish Studies showcased its forthcoming documentary on this pivotal event in Irish history. See page 12 for more Dublin photos.

Notre Dame nuclear physicists receive \$1.6M NSF award

Grant supports continuing research and development of first U.S.-based underground accelerator laboratory

BY MARISSA GEBHARD,
COLLEGE OF SCIENCE

Nuclear physicists at Notre Dame have received a one-year, \$1.6 million grant from the National Science Foundation (NSF) for continuing research and development of the first U.S.-based underground accelerator laboratory, the Dual Ion Accelerator

for Nuclear Astrophysics (DIANA). The purpose of the facility is to directly study nuclear reactions that drive the burning of stars in the laboratory and will complement the experimental program at the newly installed heavy ion machine at the Notre Dame Nuclear Science Laboratory.

The grant will allow the group to finalize the design and provide a budget baseline for the final NSF decision on funding and construction of the facility. DIANA will be located at a deep underground site, deep enough to shield the facility against

cosmic ray-induced background radiation that would conceal the signals obtained from the reaction measurements. Several options are presently being discussed, and the final site decision will be made within this year.

DIANA will use two relatively small particle accelerators to mimic the nuclear reactions in stars. It will consist of two high-current accelerators, a 30 to 400 kV variable, high-voltage platform, and a second, Pelletron-type accelerator with a voltage range of 350 kV to 3 MV.

The DIANA project addresses

the need for a next-generation, low-energy underground accelerator facility. Compared to existing astrophysics facilities, DIANA could increase the available beam densities on target by magnitudes up to 100 mA on the low-energy accelerator and several mA on the high-energy accelerator. The proposed laboratory will provide not only significantly greater capabilities in ion beam intensity, but also greater ion species and energy range.

Michael Wiescher, director of the Joint Institute for Nuclear Astrophysics and principle

investigator, said, “The NSF funding will open a new opportunity to study nuclear reactions at the energies of stellar burning, which will provide us with new insights from the conditions in the center of our sun to the evolution and lifetime of stars.”

Notre Dame is the lead institution of the DIANA project. Other participating institutions are Lawrence Berkeley National Laboratory, The Colorado School of Mines, Michigan State University, the University of North Carolina, and Western Michigan University.



Hockey runs in the McNeill family

Father coached for Lefty Smith

BY GENE STOWE, FOR NDWORKS

Mike McNeill was 2 years old when his father, Tim, moved the family from Minnesota to South Bend in 1968 so Tim could be an assistant coach for Charles W. “Lefty” Smith Jr., a friend who was developing Notre Dame’s hockey program.

McNeill, who graduated from Notre Dame in 1988 with a degree in business finance, played baseball as well as hockey for a while before he decided to put his career on ice. His 12 years of professional hockey took him to Fort Wayne, Indianapolis, Chicago, Quebec, Milwaukee and Germany before he returned to South Bend in 2006 to manage the Ice Box.

Last year, McNeill became programming and instruction program manager at the Compton Family Ice Arena.

McNeill, who was a volunteer assistant coach at Notre Dame, remembers the day when athletic director Jack Swarbrick visited the locker room to tell the team about plans for the new arena at the entrance to campus: “His vision

was, ‘Here’s this wonderful facility. It’s the first athletic facility you’re going to see when you turn here. It’s a building where we want the community to come.’”

The building was a replacement rather than a renovation of the old facility in the Joyce Center. “That rink worked out very well for a lot of people,” says McNeill, who recalls practicing at there at 5:30 a.m. when he was playing hockey for St. Joseph’s High School. “I’ve got a lot of good memories that I’m going to bring over to this new facility. It’s a big jump. It’s a lot different, having played at the old rink and spending four years playing there at Notre Dame.”

Just as his father and Lefty Smith worked to boost hockey in the community as well as on campus, McNeill says he expects to extend those connections with the new facility.

“They kind of worked on starting the youth hockey around this area,” he says. “I grew up in South Bend and had a chance to play in the Irish Youth Hockey League. A big part of what I do is work with kids in that program that my dad helped start. I do adult clinics. A lot of those adults are parents of kids that are in our

program.”

The arena, which includes an NHL-sized rink named for Smith and a larger Olympic-sized rink, helps attract both community skaters and out-of-town players. The facility recently received the local Barnes & Thornburg Tourism Investment Award.

“It’s set up in a good way,” McNeill says. “That bigger sheet of ice gives us a chance to put more kids on the ice. It’s been a good sheet for public skating. It helps to have some extra room out there.” The rink also can be divided for youth league play and other ice activities.

The four sheets available at Compton and the nearby Ice Box have made South Bend an overnight major attraction for hockey tournaments, partly because

MIKE HARTMAN



McNeill

of its location between high-interest hockey areas around Chicago and Detroit and partly because of the draw to the Notre Dame campus and hockey team.

“We have the facilities,” McNeill says. “We have the campus. They can have a tour of the campus. If they want to walk around our rink, we

want to show them around. We want to make it kind of a special trip. I think it’s important to note that a lot of the events we had last year wanted to come back next year. It’s very common for them to say, ‘I would love to do more activity, I would love to do more things at that facility.’”

BEHIND THE SCENES

MIKE HARTMAN



KEEPING THE CAMPUS CONNECTED

The Video and Messaging team in the Communication Services department of the Office of Information Technologies (OIT) helps keep the campus community connected.

This dedicated team works hard to keep all forms of University communication services running smoothly. From your telephones and email accounts, to digital signage and Webex audio and video conferencing—the team supports and maintains these valuable technology services.

Front row (left to right): Zhen Liu, Stacey Reed, Sally Goldberg, Paul Wehner. Back row (left to right): Mike Rafferty, Tom Marentette, Jeff Miller, Ed Dickison

She loves her job

Position combines technology and creativity

BY COLLEEN O’CONNOR, FOR NDWORKS

Robyn Pola may be the only manager on campus who heads a department of one—herself. Since last summer, Pola has single-handedly run Notre Dame Marketplace.

Established in 2003, Notre Dame Marketplace offers campus groups a secure and cost-effective means of extending their business operations to the Internet, supporting a wide variety of e-commerce needs such as the sale of merchandise, subscriptions, event registrations and donations.

Merchants can choose between two service options, a full-service e-commerce platform (uStore) or secure payment pages only (uPay). Both are supported by Touchnet, which

supplies the software, hosts the system and assumes all compliance liability. Currently, all payments are made by credit card, but the system is expected to have ACH (Automatic Clearing House) capability by the end of this calendar year.

A 2003 Purdue graduate who majored in computer graphics technology with interactive multimedia design as a specialty, Pola feels she is in the right job at the right time. “I like that I am using my degree,” she says.

In creating a uStore for a campus group, Pola designs a storefront to match the department’s website and then links the two. She works with merchants to create their products, craft their return policy and customize email response messages.

Additionally, she provides training on how to create new products, fulfill orders and reconcile Touchnet accounts with departmental budgets, all with the goal of assisting them in becoming self-sufficient. “I like that I work with all areas

of campus,” says Pola, noting that more and more groups on campus are getting involved in e-commerce.

Notre Dame Marketplace has seen significant growth with more than \$5.5 million in sales this year, making this the best year in its nine-year history. The number of online storefronts has grown from the original three, St. Michael’s Laundry, the Student Shop and the Computer Store, to 53, with 16 uPays and 37 uStores. The newest merchant is University Bands. Two of the most active stores remain Domer Dollars and RecSports. All purchases made through Notre Dame Marketplace support the University and its mission.

The Marketplace is available 24 hours a day at marketplace.nd.edu. Office hours at 426 Grace Hall are Monday through Friday, 8 a.m. - 5 p.m. [Facebook.com/NDMarketplace](https://www.facebook.com/NDMarketplace).



Pola

In the Northeast Neighborhood of South Bend, the team at the University's Robinson Community Learning Center (RCLC) always leaves a light on for the more than 500 guests who pass through its doors each week.

The RCLC was founded in 2001 as an off-campus educational initiative of the Office of the President, in partnership with Northeast Neighborhood residents.

This team of outreach and education professionals organizes more than 300 University and community volunteers to serve local children, young adults and senior citizens annually.

Some of the RCLC's major programs include adult education, youth development, the RCLC Shakespeare Company, youth entrepreneurship, the Take Ten violence prevention initiative and literacy programs, including free tutoring.

The RCLC just completed an exceptional year. The RCLC's Robinson Shakespeare Com-

pany was recently awarded a grant to expand its outreach into South Bend schools, and a company member was recognized as state runner-up in the English Speaking Union Shakespeare Monologue Competition in Indianapolis. Over the summer, the center's Lego Robotics team traveled to Germany to compete for the European Open Lego Robotics Championship.

Each day, the RCLC team focuses on changing lives—and the community—one relationship at a time.

Recognized today with the Presidential Team Irish Award, the Robinson Community Learning Center staff epitomizes the University's core values of teamwork, integrity, accountability, leadership in mission and leadership in excellence.



Notre Dame RCLC Team Members include:

Kris Arizmendi	Jay Caponigro	Andy Kostielney	Velshonna Luckey	Duane Wilson
Christy Burgess	Jennifer Knapp-Beudert	Ellen Kyes	Marguerite Taylor	Jennifer Wittenbrink



MATT CASHORE

Cultural analysis of tailgating

Study shows tailgating contributes to team victory, university brand

BY SHANNON CHAPLA, PUBLIC RELATIONS

As tailgaters everywhere ramp up for another weekend of college football, Notre Dame marketing professor and cultural anthropologist **John Sherry** has just concluded first-of-its-kind research that shows those huge pre-game parking lot parties build community, nurture tradition and actually contribute to a college or university brand—at least for the fans.

In their study, "A Cultural Analysis of Tailgating," Sherry and co-author **Tonya Bradford**, assistant professor of marketing at Notre Dame, examine American culture and our obsession with football, which Sherry calls "the best metaphor we have for describing American culture."

He likens tailgating to ancient harvest festivals, during which people enjoy the fall weather and abundance of the summer harvest with massive consumption and celebration before the arrival of winter. But tailgating is a different kind of ritual than any other, says Sherry, even though there's the atmosphere of a festival or carnival.

Sherry, who studies the sociocultural and symbolic dimensions of consumption and the cultural ecology of marketing, refers to tailgate parties as "vestivals," named after Vesta, the Roman goddess of the hearth and home.

"People literally turn their households inside out, bringing their kitchens and living rooms to the pavement outside the stadium, so that thousands of mini households are on public display on game-day," says Sherry. "Creating this private space in a public

MATT CASHORE



Fathers biologically attuned to their children

Decrease in testosterone may make men more responsive to children, study shows

BY SUSAN GUIBERT, PUBLIC RELATIONS

Mothers aren't the only ones who are biologically adapted to respond to children. New research by anthropologist **Lee Gettler** shows that dads who sleep near their children experience a drop in testosterone.

Previous research from humans and other species suggests this decrease might make men more responsive to their children's needs and help them focus on the demands of parenthood.

In a recent study, Gettler shows that close sleep proximity between fathers and their children (on the same sleeping surface) results in lower testosterone compared to fathers who sleep alone.

The study appeared in the Sept. 5 issue of the journal PLOS ONE.

Gettler studied 362 fathers, all of whom were between 25-26 years old, and divided them according to their reported nighttime sleeping location: solitary sleepers, those who slept in the same room as their children, and those fathers who slept on the same surface as their children.

Fathers' testosterone levels were measured from saliva samples collected upon waking and again just prior to sleep. Though the waking hormone levels of the three groups showed no

significant differences, fathers who slept on the same surface as their children showed the lowest evening testosterone.

"Human fathers' physiology has the capacity to respond to children," Gettler says. "Our prior research has shown that when men become fathers, their testosterone decreases, sometimes dramatically, and that those who spend the most time in hands-on care—playing with their children, feeding them or reading to them—had lower testosterone."

"These new results complement the original research by taking it one step further, showing that nighttime closeness or proximity between fathers and their kids has effects on men's biology, and it appears to be independent of what they are doing during the day."

Substantial research has been conducted on the sleep and breastfeeding physiology of mother-baby co-sleeping, but this is the first study to examine how father-child sleep proximity may affect men's physiology, and it is the first to explore the implications of co-sleeping for either mothers' or fathers' hormones.

In other species, testosterone is known to enhance male mating effort through its influence on muscle mass and behaviors related to competing with other males and attracting female attention. The hormone is thought to operate similarly in humans, and higher testosterone has been linked to behaviors that might conflict with

effective fathering, such as risk taking and sensation seeking. Prior research found that men with lower testosterone reported greater sympathy or need to respond to infant cries relative to men with higher testosterone.

"There are so many intriguing possibilities here for future research: Why do fathers have lower testosterone when they sleep very close to their children? Does it reflect human fathers' roles in our evolutionary past? How much do fathers vary in their nighttime care when their kids are close by? How does co-sleeping change fathers' sleep architecture when we know that co-sleeping increases mothers' arousals and mothers' sync to their infants' sleep patterns?" says Gettler.

"Testosterone is a hormone that frequently is a part of public discourse, but the false idea that 'manliness' is exclusively driven by testosterone often dominates the conversation. There is growing evidence that men's physiology can respond to involved parenthood—something that was long thought to be limited to women. This suggests to us that active fatherhood has a deep history in the human species and our ancestors. For some people, the social idea that taking care of your kids is a key component of masculinity and manliness may not be new, but we see increasing biological evidence suggesting that males have long embraced this role."

NEW FACULTY 2012

77 NEW FACULTY MEMBERS JOINED THE NOTRE DAME FAMILY THIS FALL

COLLEGE OF ARTS AND LETTERS

Neil Arner



Instructor, theology
Interests: Moral and philosophical theology, including natural law theory, theological voluntarism, ecumenical ethics and evolutionary ethics
Courses: Foundations of

Theology

Recent position/institution: Ph.D. candidate, Teaching Center fellow, and associate director of the Faith and Globalization Initiative, Yale University

Education: Ph.D., M.Phil., M.A., Yale University; S.T.M., Yale Divinity School; M.Div., Princeton Theological Seminary; B.S., Georgia Institute of Technology

Why Notre Dame: *My scholarship and teaching have been shaped by engaging the work of numerous Notre Dame professors, and I am thrilled by the opportunity to become a local colleague of those whom I have come to consider intellectual friends-at-a-distance. I look forward to supporting the University's dual commitments not only to teaching and research but also to faith and learning.*

Wyatt Brooks



Assistant professor, economics
Interests: International trade; macroeconomics
Courses: Principles of Macroeconomics
Recent position/institution: Graduate assistant, University of

Minnesota; research analyst, Federal Reserve Bank of Minneapolis

Education: Ph.D., M.A., University of Minnesota; B.S., University of Washington
Why Notre Dame: *Notre Dame is a university that is renowned for excellence in teaching and scholarship. In particular, the Department of Economics is a great environment and has a growing reputation for producing exciting new research.*

Patrick J. Deneen



Associate professor, political science
Interests: History of political philosophy, with special interests in ancient Greek and American political thought; democratic theory; religion and

politics; literature and politics

Courses: Constitutionalism, Law and Politics; Political Theory

Recent position/institution: Associate professor, Tsakopoulos-Kounalakis Chair of Hellenic Studies, Georgetown University

Education: Ph.D., B.A., Rutgers University
Why Notre Dame: *Over the years I have had many occasions to visit the University of Notre Dame, and always came away deeply impressed by its spirit and sense of community. I have been drawn to join the University not only because of its excellent department of political science, but also because of the presence of a wider community of scholars and seekers who have been drawn to the University because of its mission, history and tradition.*

Carsten Dutt



Assistant professor, German and Russian languages and literatures
Interests: Hermeneutics; philosophy of literature; history of concepts; German literature from the 17th to the 20th centuries
Courses: Masterpieces of

German Literature

Recent position/institution: Assistant professor of German literature, University of Heidelberg

Education: Ph.D., University of Heidelberg; M.A., University of Konstanz

Why Notre Dame: *Though not myself a Catholic, I decided to come to Notre Dame because of its unique appeal as a modern Catholic university that renews the ideal of holistic knowledge and fosters integration of the descriptive and normative worlds. Combining first-class research with the best elements of a liberal arts education, Notre Dame is a distinctive place where my goals as a scholar and a teacher may be nurtured and realized. I am thrilled to join its outstanding academic community.*

Elizabeth F. Evans



Assistant professional specialist, University Writing Program and English
Interests: British and Anglophone literature; modern fiction; writing and rhetoric; gender studies; cultural

geography

Courses: Writing and Rhetoric; Narrating the Nation; Gender in Modernism; Representing Race in Colonial and Post-Colonial Fiction

Recent position/institution: Assistant professor of English, Penn State DuBois

Education: Postgraduate research fellow, University of Warwick; Ph.D., M.A., University of Wisconsin, Madison; B.A., The University of Puget Sound

Why Notre Dame: *I began to look for a position when my husband became an assistant professor in the English Department. I was already attracted to Notre Dame's commitment to excellence in both research and teaching. Upon interviewing, I became excited as well by the University's emphasis on social responsibility and ethical leadership.*

John T. Fitzgerald



Professor, theology
Interests: Early Christianity and its Greco-Roman context
Courses: Foundations of Theology: Biblical and Historical
Recent position/institution: Professor

and Chair of Religious Studies, University of Miami

Education: Ph.D., M.Div., Yale University; B.A., Abilene Christian University

Why Notre Dame: *I have always admired Notre Dame, its staunch commitment to excellence, and its laudable desire to educate the whole person. The prospect of participating in one of its highly regarded doctoral programs was highly attractive to me and proved compelling.*

Mary Flannery



Special professional specialist, economics
Interests: Economics education; telecommunications
Courses: Principles of Microeconomics
Recent position/institution: Lecturer,

University of California, Santa Cruz
Education: Ph.D., University of Maryland; M.A., B.A., University of Notre Dame

Why Notre Dame: *It is a thrill to be back at Notre Dame as part of the faculty this time. I am excited about being part of a dynamic, growing department and working with such dedicated, interesting colleagues and students. I especially appreciate Notre Dame's commitment to excellent undergraduate education, and I am looking forward to being part of that mission.*

Timothy S. Fuerst



Professor, William and Dorothy O'Neill Chair in Economics
Interests: Monetary theory and policy; business cycles
Courses: Principles of Macroeconomics
Recent position/institution: Professor, Bowling Green State

University; senior economic adviser, Federal Reserve Bank of Cleveland

Education: Ph.D., M.A., The University of Chicago; B.S., Ohio Northern University

Why Notre Dame: *I chose Notre Dame so that I could contribute to the vibrant intellectual life at a great Catholic university. I am delighted to be under the Dome.*

Anne García-Romero



Assistant professor, film, television, and theatre
Interests: Playwriting; Latino theater studies
Courses: Playwriting; Latina Theatre; New Play Process

Recent position/institution: Moreau

Postdoctoral Fellowship, University of Notre Dame

Education: Ph.D., University of California, Santa Barbara; M.F.A., Yale School of Drama; B.A., Occidental College

Why Notre Dame: *My wonderful experience over the past two years as a Moreau postdoctoral fellow taught me that Notre Dame is a truly remarkable community. I'm honored by this opportunity to continue to contribute to the Notre Dame family.*

Lee Gettler



Research assistant professor, anthropology
Interests: Evolution of human fatherhood; behavioral physiology; reproductive ecology
Courses: Anthropology of Parenting
Recent position/institution: Ph.D. student, Northwestern

University

Education: Ph.D., Northwestern University; B.A., University of Notre Dame

Why Notre Dame: *Theoretically, anthropology is supposed to be a wide-reaching, holistic discipline that draws on many, variable lines of evidence to explore human cultural and biological diversity in a broad scope. Notre Dame's anthropology faculty bring this perspective to fruition. The department embraces the "four-field" approach, placing a heavy emphasis on respecting diverse ways of practicing anthropological scholarship and instruction.*

Gary Goertz



Professor, political science; Kroc Institute
Interests: Peace; international institutions; methodology
Courses: Qualitative methods and research design
Recent position/institution: Professor, School of Government and Public Policy, University of Arizona

Education: Ph.D., University of Michigan; M.S., University of Iowa; B.A., Bethel College

Why Notre Dame: *The University of Notre Dame is an obvious choice for me given my interest in peace and conflict management, because the Kroc Institute is one of the top places in the country for this kind of research.*

Andreas Hagemann



Assistant professor, economics
Interests: Econometrics, urban economics
Courses: Econometrics (undergrad and grad)
Recent position/institution: Graduate assistant, University of

Illinois at Urbana-Champaign

Education: Ph.D., University of Illinois at Urbana-Champaign; Diplom, University of Regensburg

Why Notre Dame: *I chose Notre Dame because of its excellent support for young researchers, its exceptionally collegial faculty and its commitment to research and teaching at a high level.*

Daniel Hobbins



Associate professor, history
Interests: Late medieval cultural and intellectual history; backgrounds to print culture
Courses: Early Middle Ages; Unsolved Historical Mysteries
Recent position/institution: Associate professor of history, The Ohio State University

Education: L.M.S., University of Toronto; Ph.D., M.M.S., University of Notre Dame; M.A., Bowling Green State University; B.S., Pensacola Christian College

Why Notre Dame: *The University of Notre Dame has demonstrated a remarkable commitment to the study of the Middle Ages. Over the past two decades, the Medieval Institute has emerged as one of the most important training centers of medievalists in North America. I came to Notre Dame because of this institutional commitment, to help train the next generation of medieval historians.*

Tala Jarjour



Assistant professor, music
Interests: Ethnomusicology, with a focus on how music interacts with culture and society; religion (Christianity and Islam); popular culture; higher education, with particular

relevance to Levantine music, inside as well as outside their lands of origin

Courses: Understanding World Music

Recent position/institution: Assistant professor of music, New York University Abu Dhabi

Education: Ph.D., M.Phil., University of Cambridge; M.Mus., Ohio State University; B.A., Higher Institute of Music, Damascus

Why Notre Dame: *Notre Dame is heading steadily toward the forefront of research in the humanities and social sciences, particularly in areas of sacred music, religion and world Christianity. It is a privilege to be part of this enterprise.*

Pascal Jean-Pierre



Assistant professor, Walther Cancer Foundation Collegiate Chair of Psychology
Interests: Cancer and treatment-related neurocognitive dysfunction; cancer-related fatigue; psychological

distress

Courses: Healthy Psychology; Applied Behavioral Medicine/Oncology; Seminar in Applied Psychophysiology/Neuroscience

Recent position/institution: Assistant professor, Department of Radiation Oncology, University of Miami Miller School of Medicine

Education: M.P.H., postdoc, University of Rochester; Ph.D., M.A., University of Rhode Island; B.A., Brooklyn College, CUNY

Why Notre Dame: *I was attracted to the University of Notre Dame because of its collegial atmosphere, tradition of teaching excellence, commitment to research and service, and the opportunity to develop a biobehavioral oncology research program at the psychology department. I am very excited about the opportunity to teach and develop my Neurocognitive Translational Research Lab and Cancer Control Research Program. I am looking forward to collaborating with colleagues from multidisciplinary backgrounds at the University, the Mike and Josie Harper Cancer Research Institute and local community institutions, hospitals and cancer clinics.*

Claire Taylor (CJ) Jones



Assistant professor, German and Russian languages and literatures
Interests: Medieval German mysticism; mystical experience and worship practice
Courses: German:

Advanced Composition and Conversation
Recent position/institution: Ph.D. candidate, University of Pennsylvania
Education: Ph.D., University of Pennsylvania; M.A., Dartmouth College; B.A., Mount Holyoke College
Why Notre Dame: *Notre Dame combines a rigorous and stimulating environment for research in the humanities, especially medieval studies, with a passionate commitment to undergraduate education. I am greatly looking forward to teaching in the intimate and intellectually curious atmosphere of a liberal arts college while enjoying all the resources of a premier research institution.*

Diana Roxana Jorza



Instructor, Romance languages and literatures
Interests: Modern and contemporary Peninsular Spanish literature and culture; comparative literatures and cultures; film and cultural studies; alternative public spheres

Courses: Survey of Spanish Literature II; Survey of Spanish Cinema
Education: Ph.D. candidate, Princeton University; M.A., Johns Hopkins University; M.A., B.A., Babes-Bolyai University, Romania
Why Notre Dame: *I chose Notre Dame because of its research excellence, its dedication to teaching and mentoring, and because of the invaluable opportunity to collaborate with other University departments and centers. The unique Ph.D. program in literature was also a major attraction to me, given my strong interest and experience in other literatures and cultures. Last but not least, the warm, collegial atmosphere of everybody I have met made me feel truly at home at Notre Dame.*

Congcong Ma



Assistant professional specialist, East Asian languages and cultures
Interests: Second language acquisition
Courses: First-year and second-year Chinese

Recent position/institution: Visiting instructor, Asian and Middle Eastern studies, Duke University
Education: M.A., Beijing Normal University; B.A., Minzu University of China
Why Notre Dame: *Notre Dame is a big family, where students and teachers can expand their knowledge and get continuous improvement.*

Barry McCrea



Professor, English
Interests: Modern European, Latin-American and Irish literature; narratology; queer studies; minor languages; the creative impulse
Courses: Modern Irish Literature; James Joyce;

Class, Desire and the Novel
Recent position/institution: Professor of comparative literature, Yale University
Education: Ph.D., Princeton University; B.A., Trinity College, Dublin
Why Notre Dame: *There couldn't be a better place for me to find an intellectual home than Notre Dame, with its unparalleled resources and talent in English literature, Irish studies, Irish language and Romance languages.*

Christine E. Merrilees



Research assistant professor, psychology
Interests: Youth development in contexts of conflict and violence; quantitative methods
Recent position/institution: Research specialist, University of

Notre Dame
Education: Ph.D., University of Notre Dame; B.S., Cornell University
Why Notre Dame: *I chose to continue my work at Notre Dame because of the University's commitment to fostering both academic excellence and social justice. The research support, talented undergraduates and the warm and welcoming community make Notre Dame an ideal place to work.*

Kinohi Nishikawa



Assistant professor, English
Interests: African-American literature; U.S. media and print culture; history of the book
Courses: Identity in Performance; Black Skin, White Masks
Recent position/institution: Postdoctoral fellow, African-American Studies, Northwestern University

Education: Ph.D., M.A., Duke University; A.B., Dartmouth College
Why Notre Dame: *Notre Dame offered the most supportive environment for my intellectual and professional development. The institution's resources will both enhance my research in African-American culture and encourage interdisciplinary engagement with my work among students and faculty.*

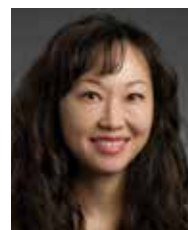
Stacey Noem



Assistant professional specialist, theology
Interests: Formation of those preparing to serve the Catholic Church as lay ecclesial ministers; community formation and development especially concerning

communication and conflict resolution; formation for marriage and family life
Courses: Human and Spiritual Formation for Lay Ecclesial Ministers
Recent position/institution: Assistant director of faith formation, University of Portland (Ore.)
Education: M.Div., B.S., B.A., University of Notre Dame
Why Notre Dame: *My position in the M.Div. program captured my attention because it taps directly into my vocational interest in lay formation, and it captured my heart because of the opportunity to be of service to future ecclesial ministers, and ultimately the Church, in the context of my alma mater.*

Tricia Park



Assistant professional specialist, music
Interests: Music performance
Recent position/institution: First Violinist of the Maia Quartet, quartet-in-residence at the University of Iowa; faculty,

University of Iowa School of Music
Education: Professional studies, M.M., B.M., Juilliard School
Why Notre Dame: *I am excited to join Notre Dame and contribute to this vibrant community of development in the arts, research and performance.*

Andre Redwood



Assistant professor, music
Interests: History of music theory; music and rhetoric; 20th-century tonal music; music and culture in Brazil; law and the arts
Courses: Music Theory I (Harmony and Voice

Leading); Music Theory III (Chromatic Harmony)
Education: Ph.D., M.Phil., M.A., Yale University; B.M., Eastman School of Music, University of Rochester
Why Notre Dame: *For me, Notre Dame offers an ideal combination. Much of my research centers on the intellectual history of music theory in the early modern Catholic world, and it is difficult to imagine a more suitable place to conduct that research. Equally important in my choice, though, was Notre Dame's commitment to high-quality teaching in the liberal arts, which fits particularly well with my own long-standing dedication to pedagogy and mentorship.*

Patrick Regan

Professor, political science
Interests: Conflict management; civil wars; external interventions; politics of climate change
Recent position/institution: Professor of political science, Binghamton University
Education: Ph.D., University of Michigan; M.A., New York University; B.S., Western Michigan University

Carmen-Helena Tellez



Professor, music
Interests: Sacred music; interdisciplinary art
Courses: Master's Seminar in Choral Literature; Choral Conducting Studio; Master Singers
Recent position/institution: Sonneborn

Professor of Music, director of graduate choral studies, Jacobs School of Music, Indiana University-Bloomington
Education: D.Mus., Indiana University-Bloomington
Why Notre Dame: *I believe Notre Dame is in the best position to develop the most important sacred music program with a focus on the Catholic tradition in the United States, and probably internationally. The relationship of methodologies between sacred music and interdisciplinary musical arts also permit a strong development of the latter area, which is now emerging with great strength in the professional artistic milieu. At this point in my career, Notre Dame permits me time and resources to develop long-term creative work in these two fields, with students who resonate with these concerns, and with whom I can exercise meaningful teaching.*

Gabriel Alejandro Torres Colón



Assistant professional specialist and director of undergraduate studies, anthropology
Interests: Political anthropology; multiculturalism; race; sexuality; sports; history and theory of

anthropology
Courses: Introduction to Anthropology; Anthropology of Race
Recent position/institution: Postdoctoral fellow and visiting assistant professor, Saint Mary's College
Education: Ph.D., M.A., University of New Mexico; B.A., University of Maryland
Why Notre Dame: *I chose Notre Dame because of the University's dedication to excellence in undergraduate research. Also, the Department of Anthropology is committed to fostering an intellectual environment where collaboration among the different anthropological subfields can thrive.*

Guillermo Trejo



Associate professor, political science; Kellogg Institute
Interests: Social movements in autocracies; organized crime in new democracies
Courses: The Logic of Political Violence;

Elections and Social Protest in Latin America
Recent position/institution: Assistant professor of political science, Duke University; research professor, Centro de Investigación y Docencia Económicas, Mexico City
Education: Ph.D., University of Chicago; M.A., Columbia University; B.A., Universidad Nacional Autónoma de México, Mexico City
Why Notre Dame: *Notre Dame has a rich and dynamic community of scholars and students doing fascinating work on democracy, social justice and human rights. It is a community that deeply cares about social scientific progress and about making a difference in the world.*

Azreen Van der Vliet Oloomi



Assistant professor, English/MFA Creative Writing
Interests: Twentieth-century world literature; Iranian cinema; disability studies; critical and literary theory
Courses: Fiction Writing;

Fiction Writing for English Majors
Recent position/institution: Fulbright Scholar, Universidad de Girona, Spain
Education: M.F.A., Brown University; B.A., University of California, San Diego
Why Notre Dame: *I chose Notre Dame because of its commitment to internationalism and social justice. The institution's academic excellence across departments and its thriving M.F.A. program in creative writing made Notre Dame a very attractive choice for me. I am honored to form part of such a warm and vibrant community!*

Sarah Ann Wells

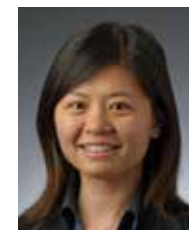


Assistant professor, Romance languages and literatures
Interests: Brazilian and Argentine literature; modernism and the avant-gardes; film and media studies; science fiction; Latin-American cultural

theory
Courses: Latin-American Cinema; Brazilian Literature of the 19th Century to the Present; Latin-American Modernism in a Global Context
Recent position/institution: Assistant professor, Department of Spanish and Portuguese, University of Iowa
Education: Ph.D., University of California, Berkeley; B.A., Brown University
Why Notre Dame: *I was drawn to Notre Dame for its strong support for faculty research and the strength of its undergraduates. I am also interested in forming part of an institution with a distinguished line of Latin Americanists and with a long-standing commitment to the region.*

COLLEGE OF ENGINEERING

Ruilan Guo



Assistant professor, chemical and biomolecular engineering
Interests: Design, synthesis and characterization of novel membrane materials for sustainable environment and clean energy

production
Courses: Chemical Engineering Laboratory I; Materials Science and Engineering
Recent position/institution: Postdoctoral associate, Department of Chemistry and Macromolecules and Interfaces Institute, Virginia Tech
Education: Ph.D., Georgia Institute of Technology; M.E., B.E., Beijing University of Chemical Technology
Why Notre Dame: *I came to Notre Dame to join an outstanding community that is committed to excellence in teaching and research.*

David Hoelzle



Assistant professor, aerospace and mechanical engineering
Interests: Automation and process control for the manufacture of biomaterial constructs and bioanalysis tools; tailored artificial biomaterials and more

efficient diagnosis tools
Courses: Differential Equations, Vibrations and Controls II
Recent position/institution: Postdoctoral research, University of California, Los Angeles
Education: Ph.D., M.S., University of Illinois at Urbana-Champaign; B.S., The Ohio State University
Why Notre Dame: *I chose Notre Dame because of its balanced emphasis on teaching excellence and research achievement. The College of Engineering is making strategic investments in its engineering graduate program, and I am excited to contribute to its continual quest for excellence.*

Anthony Hoffman



Assistant professor, electrical engineering
Interests: Optical quantum devices; THz photonics
Courses: Introduction to Quantum Computing; Semiconductor Physics
Recent position/institution: Postdoctoral research associate, Princeton University

Education: Ph.D., M.A., Princeton University; B.S., University of Maryland, Baltimore County
Why Notre Dame: *I believe in Notre Dame's mission as a Catholic university, and I am excited to join a tradition of world-class undergraduate education and scientific research. I look forward to working and interacting with so many outstanding colleagues and students.*

Aleksandar Jemcov

Research assistant professor, aerospace and mechanical engineering
Interests: Computational fluid dynamics algorithms; design optimization; multiphysics algorithms; numerical schemes for algorithm acceleration and

stabilization

Courses: Aircraft Propulsion

Recent position/institution: Lead development engineer, ANSYS Inc.

Education: Ph.D., M.A., B.Sc., University of Belgrade

Why Notre Dame: Notre Dame's Department of Aerospace and Mechanical Engineering is well-known for its research and education. Opportunities for research work in the fields of turbomachinery, flow control, flow physics and numerical algorithms are abundant given Notre Dame's mission to become a premier research institution. In particular, computational fluid dynamics is a growth area in AME and this is well-aligned with my research interests. The support provided and high-quality researchers employed by the University create fertile ground for research in fluid mechanics.

Michael Kitz

Assistant professional specialist

Interests: Innovation

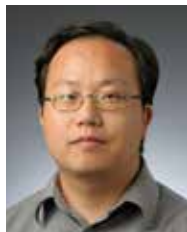
Courses: Integrated Engineering and Business Fundamentals; Advanced Integrated Engineering and Business

Recent position/

institution: Chief marketing officer and vice president – product development, OfficeMax Inc.

Education: MBA, University of Michigan; B.A., B.S., University of Notre Dame

Why Notre Dame: I chose Notre Dame to teach and mentor students, and to help Notre Dame fulfill its mission.

Hai Lin

Assistant professor, electrical engineering

Interests: Building complex engineered systems

Courses: Control Systems; Hybrid Dynamical Systems

Recent position/

institution: Assistant professor, National University of Singapore

Education: Ph.D., M.S., University of Notre Dame; M.S., Chinese Academy of Sciences; B.Eng., University of Science and Technology Beijing

Why Notre Dame: I really love the peaceful life, supportive infrastructure, excellent reputation and friendly community at Notre Dame and want to be part of it. Also, very importantly, Notre Dame is my alma mater, and I am a big Fighting Irish football fan. Go Irish!

Tengfei Luo

Assistant professor, aerospace and mechanical engineering

Interests: Molecular-level energy and mass transport

Courses: Thermodynamics; Engineering at the Molecular Level

Recent position/institution: Postdoctoral associate, Massachusetts Institute of Technology

Education: Ph.D., Michigan State University; B.S., Xi'an Jiaotong University

Why Notre Dame: I chose Notre Dame because I get strong support from the department and the University. I also found the best fit between my research and the University's sustainable energy initiative program.

Collin McMillan

Assistant professor, computer science and engineering

Interests: Software engineering; software maintenance; repository mining; source code search and retrieval

Courses: Software

Engineering

Recent position/institution: Research assistant, College of William & Mary

Education: Ph.D., M.S., College of William &

Mary; B.S., University of Tulsa

Why Notre Dame: Notre Dame builds on a tremendous reputation for scientific discovery and intellectual challenge, and simultaneously adheres to its Christian identity and mission. The result is a rare and enjoyable academic community.

Antonio Simonetti

Associate professor, civil and environmental engineering and earth sciences

Interests: Isotope geochemistry; nuclear forensics; petrology; tracing environmental pollution

Courses: Analytical

Methods; Engineering Geology; Geology Field Trip

Recent position/institution: Research assistant professor, University of Notre Dame

Education: Ph.D., Carleton University; M.Sc., B.Sc., McGill University

Why Notre Dame: My family and I are extremely happy to remain part of the Notre Dame family. Notre Dame is committed to continue its stellar undergraduate teaching, and enhancing its research pursuits in years to come. Thus, I wish to help contribute in both these areas in years to come. Go Irish!

COLLEGE OF SCIENCE**Travis J. Bailey**

Research assistant professor, biological sciences

Interests: Developmental biology; organ regeneration

Recent position/

institution: Research assistant, University of

Notre Dame

Education: Ph.D., Baylor College of Medicine; M.S., B.S., Brigham Young University

Why Notre Dame: Notre Dame has a strong commitment to blend high-quality research with excellent undergraduate education.

Justin R. Crepp

Assistant professor, physics

Interests: Search for planets orbiting stars other than the Sun

Courses: Scientific Writing for Physicists

Recent position/

institution: Senior postdoctoral scholar,

California Institute of Technology

Education: Ph.D., University of Florida; B.S., Pennsylvania State University

Why Notre Dame: Notre Dame offers a rare combination of cutting-edge research in astrophysics (providing access to the largest optical telescope in the world), dedication to its students through quality teaching, and an overall family-friendly environment.

Kenjiro K. Gomes

The Frank M. Freimann Assistant Professor of Physics

Interests: Experimental condensed matter

Courses: General Physics Lab

Recent position/

institution: Postdoctoral scholar, Stanford University

Education: Ph.D., University of Illinois at Urbana-Champaign; B.S., Pontificia Universidade Católica do Rio de Janeiro

Why Notre Dame: I was attracted by Notre Dame's reputation of academic excellence and its commitment to become a world-leading scientific research institution.

Lacey Haussamen

Assistant professional specialist, Assistant director of global health training, Eck Institute for Global Health

Courses: Master's Project Research

Recent position/

institution: Assistant director for community engagement and research, Ford Family Program in Human Development Studies and Solidarity (Kellogg Institute) at Notre Dame

Education: M.P.H., Emory University; B.S., University of Notre Dame

Reginald Hill

Assistant professor, biological sciences

Interests: Pancreatic cancer; tumor microenvironment; chemoresistance

Recent position/

institution: Postdoctoral fellow, University of

California, Los Angeles

Education: Ph.D., University of North Carolina, Chapel Hill; B.S., Florida A&M University

Why Notre Dame: I was impressed by Notre Dame's commitment to building a strong research program by recruiting talented, young faculty and providing them with the resources they need to be successful. I also believe that the truly collaborative environment that exists here will lead to many fruitful collaborations in the future.

Huy Huynh

Assistant professional specialist, applied and computational mathematics and statistics

Interests: Biological diversity; multinomial maximum and its application; probability and statistics for risk

management

Courses: Statistics for Business and Economics; Introduction to Probability

Recent position/institution: Graduate student and graduate teaching assistant, Georgia Institute of Technology

Education: Ph.D., M.S., Georgia Institute of Technology; B.S., Kennesaw State University

Why Notre Dame: I was drawn to Notre Dame's tradition for academic excellence and the excitement of participating in building a new department in applied and computational mathematics and statistics.

Ankita Jain

Assistant professional specialist, applied and computational mathematics and statistics

Interests: Stochastic Modelling; Probability and Statistics

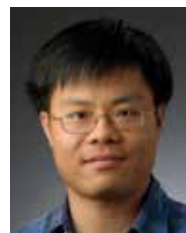
Courses: Statistics for Life Sciences; Mathematical

Statistics

Recent position/institution: Graduate student, University of Houston

Education: Ph.D., M.S., University of Houston; B.A., Delhi University, India

Why Notre Dame: I've always wanted to work in applied mathematics. I appreciate the opportunity to help develop a new department and work with the best students. The way I was made to feel at home in the interview made my decision clear!

Jun Li

Assistant professor, applied and computational mathematics and statistics

Interests: Applied statistics; biostatistics

Courses: Categorical/Discrete Data Analysis

Recent position/

institution: Ph.D. student, Stanford University

Education: Ph.D., Stanford University; M.S., B.E., Tsinghua University

Why Notre Dame: I love the beautiful campus and nice people here. The department is very young but I can feel how hard it strives to grow and excel, and how likely I can contribute to and succeed with it. I'm just excited being here.

Laurie Littlepage

Campbell Family Assistant Professor of Cancer Research, chemistry and biochemistry

Interests: Cancer biology and therapies

Courses: Cancer Biology; Biochemistry

Recent position/

institution: Associate specialist and postdoctoral fellow, University of California, San Francisco

Education: Ph.D., Harvard University; B.S., M.S., University of Texas at Austin

Why Notre Dame: When I interviewed at Notre Dame, I saw clear evidence of a strong, thoughtful community that accomplishes exceptional research and trains students both to be excellent scholars

and to contribute positively to society. As a new faculty member, I also am impressed by the consistent University commitment to ensuring the success of its junior faculty. I am thrilled now to be a part of the Notre Dame family.

Sonja Mapes

Research assistant professor, mathematics

Interests: Combinatorial commutative algebra

Courses: Calculus 3; Honors Algebra 3

Recent position/

institution: Assistant research professor, Duke

University

Education: Ph.D., M.Phil., M.A., Columbia University; B.S., University of Notre Dame

Why Notre Dame: I was eager to return to Notre Dame because I felt that the community as a whole had a lot to offer both mathematically as well as culturally. Professionally, I wanted to be at an institution with a dynamic research environment as well as a commitment to undergraduate education.

Adrian Rocha

Assistant professor, biological sciences

Interests: Biological and environmental controls on ecosystem exchanges

Recent position/institution: Research associate, Marine Biological Laboratory, Ecosystems Center, Woods Hole, Mass.

Education: Ph.D., University of California, Irvine; M.S., Ohio State University; B.S., California State University of Monterey Bay

Why Notre Dame: I was eager to return to Notre Dame because I felt that the community as a whole had a lot to offer both mathematically as well as culturally. Professionally, I wanted to be at an institution with a dynamic research environment as well as a commitment to undergraduate education.

Siyuan Zhang

Assistant professor, biological sciences

Interests: Tumor microenvironment, cancer metastasis and resistance to anti-cancer therapies

Courses: Tumor Cell Biology

Recent position/

institution: Instructor, University of Texas MD Anderson Cancer Center

Education: Ph.D., National University of Singapore, Republic of Singapore; Bachelor of Medicine, Peking University, Beijing

Why Notre Dame: I chose to join Notre Dame because of its strong tradition, excellence in higher education and exciting opportunities to perform integrated multidisciplinary cancer research at the new Harper Cancer Research Institute. I am honored and very grateful to be part of ND.

LAW SCHOOL**Roger Alford**

Professor

Interests: International law, particularly the intersection of private and public international law

Courses: International Trade; International Arbitration; Public International Law;

International Business Transactions

Recent position/institution: Professor of Law, Pepperdine University School of Law

Education: LL.M., University of Edinburgh; J.D., New York University; M.Div., Southern Seminary; B.A., Baylor University

Why Notre Dame: I am excited to work with outstanding colleagues and students at the premier faith-based university in the country.

Barry Cushman

John P. Murphy

Foundation Professor

Interests: American legal and constitutional history

Courses: American Legal History; Trusts and Estates

Recent position/

institution: James Monroe Distinguished Professor of Law and Professor of History, University of Virginia

Education: Ph.D., J.D., M.A., University of Virginia; B.A., Amherst College

Why Notre Dame: I was attracted to Notre Dame by the excellence of a faculty that is impressive both personally and professionally, by talented students devoted to learning and service, and by a common commitment to the integration of faith and reason in the advancement of human understanding.

Rev. William R. Dailey, C.S.C.

Associate professional specialist
Interests: Constitutional law; legal ethics; jurisprudence; immigration; evidence
Courses: Professional Responsibility; Jurisprudence;

Immigration; Evidence

Education: J.D., Columbia Law School; M.Div., B.A., University of Notre Dame

Why Notre Dame: *I'm thrilled and honored to be able to contribute to the project of teaching and inquiry at the Catholic university that inspired me to join the priesthood.*

Kristine Kalanges

Associate professor

Interests: Comparative law; law and development; legal and political philosophy; religion and human rights

Courses: Comparative Law and Religion; International Business Transactions; Torts

Recent position/institution: Assistant professor of Justice, Law and Society, American University

Education: Ph.D., M.A., Georgetown University; J.D., Yale Law School; B.A., University of Puget Sound

Why Notre Dame: *If law and politics are to serve justice rather than power, they must be informed by truth, including a proper understanding of the human person and society. I was drawn to Notre Dame because, as a mission-driven Catholic research university, it is specially able to engage the complex problems of our age with integrity, wisdom and humanity.*

Veronica Root

Assistant professional specialist

Interests: Legal ethics; employment discrimination; racial diversity within the legal profession

Courses: Professional Responsibility;

Employment Discrimination

Recent position/institution: Associate attorney, Gibson Dunn

Education: J.D., University of Chicago Law School; B.S., Georgetown University

Why Notre Dame: *When I came to visit Notre Dame, I found a culture that valued intellectual rigor while also maintaining a welcoming and friendly community. That balance is difficult to achieve, and I am very happy to be a part of this community.*

MENDOZA COLLEGE OF BUSINESS**Walter L. Clements**

Professional specialist, finance

Courses: Advance Corporate Finance; Strategic Finance to Executive MBA students

Recent position/institution: Lecturer, Kelley School of Business,

Indiana University

Education: MBA, University of Chicago; B.S., Kelley School of Business, Indiana University

Why Notre Dame: *I now come to Notre Dame because I very much identify with its mission and teaching philosophy, especially the opportunity and the obligation to build students' confidence that business decisions made with the highest integrity and ethics have tremendous pay-offs, not trade-offs. On a personal note, my family has more than 100 years of connection to Notre Dame, most recently our two daughters have graduated from ND, and my parents live in South Bend so it is a chance to be closer to them.*

Martijn Cremers

Professor, finance

Interests: Investments; corporate governance

Courses: Corporate Governance; Fixed Income

Recent position/institution: Associate professor of finance, Yale School of Management

Education: Ph.D., Stern School of Business, New York University; Master's, Vrije Universiteit, Amsterdam

Why Notre Dame: *I am thrilled to join Notre*

Dame for many reasons, including its outstanding strengths in the business school in both teaching and research, excellent collegiality and Notre Dame's Catholic identity and mission, while the area seems a wonderful place for our whole family. I look forward to the challenge of teaching business in light of the truth, goodness and beauty of the Catholic faith.

Priyank Gandhi

Assistant professor, finance

Interests: Financial intermediation; credit risk; computational finance; liquidity risk; contagion risk

Courses: Advanced Corporate Finance

Education: Ph.D., University of California, Los Angeles; M.F.E., University of California, Berkeley

Why Notre Dame: *I chose Notre Dame not only because of the strength and diversity of its faculty but also because of a positive and collaborative culture that I experienced on my visit here. It will be an honor and a privilege to teach students who attend the No. 1 undergraduate program in business in the U.S. I hope to make a positive contribution to the University's commitment to teaching and research.*

Frank Germann

Assistant professor, marketing

Interests: Marketing strategy

Courses: Principles of Marketing; Marketing Management

Recent position/institution: Ph.D.

candidate, Pennsylvania State University

Education: Ph.D., M.A.S., Pennsylvania State University; MBA, University of Notre Dame; Diploma, ESB Business School at Reutlingen University, Germany; Diploma, University of Savoy, France

Why Notre Dame: *I came to Notre Dame because of the University's commitment to research, teaching and service, and because of the high standards promoted by faculty, students and staff.*

Sean Handley

Assistant professor, management

Interests: Outsourcing; offshoring; inter-organizational relationships

Courses: Process Analytics (MBA); Introduction to Process Analytics

Recent position/institution: Assistant professor, Rutgers

University

Education: Ph.D., MBA, Fisher College of Business, The Ohio State University; B.S., University of Cincinnati

Why Notre Dame: *I chose the University of Notre Dame so that I would have the opportunity to work with renowned scholars at a world-class institution. Notre Dame's strong sense of community was an important differentiator for me and my family.*

Lin Hao

Assistant professor, management

Interests: Mobile commerce; electronic commerce; business analytics

Courses: Business Intelligence

Recent position/institution: Ph.D., University of Washington

Education: Ph.D., University of Washington; M.S., B.S., Tsinghua University, Beijing

Why Notre Dame: *There are enormous reasons why I chose Notre Dame: prestigious reputation, world-class colleagues, brilliant students, excellence in research and teaching, etc. But what attracts me most is the high sense of community where people help each other like an entire family. I feel really privileged to be a part of this big Notre Dame family and hope I can be of assistance to others as well as contribute to the community's missions.*

Bruce Harris

Assistant professional specialist, management

Courses: IT Management Applications

Recent position/institution: On-call OIT applications instructor,

University of Notre Dame; adjunct faculty,

Notre Dame; independent IT consultant and contractor

Education: M.S., B.A., University of California, Irvine

Why Notre Dame: *Since I first started doing part-time work at Notre Dame, I knew this was the place I wanted to stay because of the professionalism as well as the kindness and caring of just about everyone I have met here. The students are pretty amazing also!*

Jasmine (Jia) Hu

Assistant professor, management

Interests: Leadership; teams; and human resource practices

Courses: Principles of Management

Recent position/institution: Research

assistant and instructor, Department of Managerial Studies, University of Illinois at Chicago

Education: Ph.D., University of Illinois at Chicago; M.A., Renmin University of China; B.A., Central University of Finance and Economics, Beijing

Why Notre Dame: *It is my great honor and privilege to join the academic family at such a wonderful university and have the opportunity to work with many leading experts in the field of organizational behavior and human resources.*

Jennifer L. Sustersic

Assistant professor, accountancy

Interests: Financial reporting and the capital markets; how accounting information is used in credit markets and debt contracting

Courses: Accounting

Measurement and Disclosure I

Recent position/institution: Ph.D. student, The Ohio State University

Education: Ph.D., The Ohio State University; M.Acc., B.S., Miami (Ohio) University

Why Notre Dame: *Coming from a strong Catholic background, I am honored to have the opportunity to work at the premier Catholic research university. I look forward to researching with some of the top accounting academics on the faculty here at Notre Dame and teaching some of the best undergraduate business students in the country.*

Jennifer Waddell

Associate professional specialist, management

Interests: Quantitative methodology; social psychology

Courses: Statistics in Business

Recent position/institution: Assistant

professor of psychology, Villanova University

Education: Ph.D., M.A., University of Notre Dame; B.A., Muhlenberg College

Why Notre Dame: *The University has been an important part of my life since I first arrived on campus as a graduate student in the fall of 1995. I am excited to be back as a faculty member in this vibrant academic setting, and I look forward to being a part of the greater ND community.*

Michael D. Whitt

Associate professional specialist, management

Interests: Early detection of cardiovascular disease and heat stress; socioeconomic improvement of a community following

a model encompassing

biological physical laws

Courses: Statistics; Principles of Management

Recent position/institution: Vice president and chief technical officer, Cordex Systems;

assistant professor and graduate student special appointment, mechanical engineering and technology, Purdue University

Education: Ph.D., M.S., Rutgers University/University of Medicine and Dentistry of New Jersey; MBA, UCLA Anderson School of Management; B.S., Purdue University

Why Notre Dame: *My wife, Michele C. Whitt, M.D., FACOG, is an OB-GYN at South Bend Clinic. Additionally, it is an honor to be part of the Notre Dame mission that combines academic excellence with community.*

James Wilkie

Assistant professor, marketing

Interests: Consumer psychology

Courses: Marketing Research

Recent position/institution: Ph.D.

student, Kellogg School of

Management, Northwestern University

Education: Ph.D., M.S., Northwestern University; B.B.A., University of Notre Dame

Why Notre Dame: *I was excited about the opportunity to return to Notre Dame to take a position on the faculty. My time at ND as an undergraduate was very special, and I was looking forward to rejoining the ND community.*

Jennifer A. Ziegler

Associate professional specialist, management, Fanning Center for Business Communication

Interests: The management and practice of safety in high-risk occupations, the rhetoric and culture of accident

investigation, recovery and renewal in wildland firefighting

Courses: Management Communication; Management Writing

Recent position/institution: Associate professor, chair and graduate program director, Department of Communication, Valparaiso University

Education: Ph.D., University of Colorado at Boulder; M.A., University of Illinois at Urbana-Champaign; B.S., Georgetown University

Why Notre Dame: *I appreciate the emphasis of the Fanning Center for Business Communication on communication as an important managerial skill. The case-driven approach of many of the courses allows students to critically analyze recurring and unique communication situations faced by actual managers. Plus, the Mendoza College of Business challenge to its graduates—to "ask more of business"—creates a unique context for guiding students to develop ethical and sustainable solutions to communication problems.*

JOINT APPOINTMENTS**Sidney D'Mello**

Assistant professor, psychology and computer science

Colleges of Arts and Letters and Engineering

Interests: Psychology and psychophysiology of emotion; affective computing; learning

sciences; intelligent tutoring systems

Courses: Human-Computer Interaction; Artificial Intelligence

Recent position/institution: Research assistant professor, University of Memphis

Education: Ph.D., M.S., University of Memphis; B.S., Christian Brothers University

Why Notre Dame: *I chose Notre Dame due to its commitment to interdisciplinary research, its vibrant student population and its collegial atmosphere.*

Laura Hirschfeld Hollis

Associate professional specialist, Mendoza College of Business;

Concurrent associate professional specialist, Law School

Interests: Entrepreneurship; business law; public policy

Courses: Business Law; Introduction to Entrepreneurship; Law and the Entrepreneur

Recent position/institution: Associate director, Academy for Entrepreneurial Leadership, University of Illinois at Urbana-Champaign

Education: J.D., B.A., University of Notre Dame

Why Notre Dame: *Having received a remarkable undergraduate and legal education at Notre Dame, it is a real pleasure to be able to return to the institution and give back to the next generation of students here.*

Roxana Smarandache



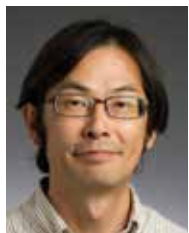
Associate professor, mathematics and electrical engineering, Colleges of Science and Engineering
Interests: Coding theory; combinatorics; discrete mathematics
Courses: Coding Theory
Recent position/

institution: Associate professor, Department of Mathematics and Statistics, San Diego State University

Education: Ph.D., M.S., University of Notre Dame; B.S., University of Bucharest

Why Notre Dame: *I am very happy to come back to Notre Dame, my alma mater, as a faculty member of two great departments, and to experience and benefit from the strength and collegiality of their faculty and the excellent students.*

Tetsuya Tanaka



Research associate professor, chemical and biomolecular engineering and biological sciences, Colleges of Science and Engineering
Interests: Cancer and stem cell engineering
Courses: Introduction to

Systems Biology

Recent position/institution: Assistant professor, Department of Animal Sciences, Institute for Genomic Biology, University of Illinois at Urbana-Champaign; member of the University of Illinois Cancer Center

Education: D.Sc./Ph.D, M.S., B.S., Osaka City University, Japan

Why Notre Dame: *My position provides me with a unique opportunity to be a nexus for interdisciplinary research conducted by biological scientists, physical scientists and engineers at Notre Dame. I am pleased to be contributing to such outstanding groups of the researchers.*

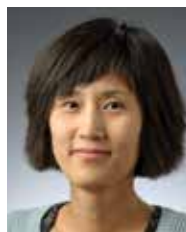
MATT CASHORE



New faculty toured the football stadium in August.

HESBURGH LIBRARIES

Hye-jin Juhn



Assistant librarian, research and learning services
Interests: East Asian Studies collection development
Recent position/

institution: University of Washington

Education: M.L.I.S., University of British Columbia; M.F.A., University of Arizona; M.A., University of Washington; B.A., Kwangwoon University

Why Notre Dame: *Notre Dame is a community where people are both academic and friendly. I'm especially happy to belong to the library that serves all members of our community.*

MOREAU POSTDOCTORAL FELLOWS

This fall, the University welcomes three new Moreau Postdoctoral Research Fellows: **Z'étoile Imma** (English); **Miguel J. Romero** (theology); and **Deondra Rose** (political science).

The **Moreau Academic Diversity Postdoctoral Program** provides a comprehensive research, teaching and mentoring experience to promising candidates, with the goal of increasing the number of scholars who will contribute to the University's intellectual vibrancy and research excellence.

Candidates meet one or more of three criteria:

- Represent populations that are historically underrepresented in American higher education, including women and minority groups;
- Conduct research focusing on gender or ethnic groups;
- Engage in interdisciplinary research projects that aspire to enhance cultural competency and diversity within the American educational landscape with an interest in exploring the implications of such work for liberal education in the Catholic tradition;
- Have track records of involvement in initiatives aimed at promoting diversity in higher education through teaching.

Fellows devote their time to research and teach two courses each year, including one in their area of specialization and one core undergraduate offering for their home academic departments. They also participate in mentoring initiatives geared toward long-term professional development and evaluation for potential appointment to a faculty position. For more information, visit diversity.nd.edu.

The Moreau Fellowship Program is named in honor of Blessed Basil Moreau, C.S.C., founder of the Congregation of Holy Cross, Notre Dame's founding religious community.

Z'étoile Imma



Moreau Postdoctoral Research Associate, English
Interests: Postcolonial studies; African and Caribbean literature; film, gender and sexuality studies
Courses: Introduction to African Literature; Love Stories From Africa
Education: Ph.D.: University of Virginia;

B.A.: Brooklyn College

Reflection: *I find it very fulfilling to have the opportunity to engage in conversation about literature and film from Africa and African Diaspora with the Notre Dame community. As the University of Notre Dame continues to broaden its commitment to global dialogue and exchange, I find that my students are very enthusiastic about exploring the very rich cultural and intellectual production that is emerging from contemporary Africa and the Caribbean, and it's thrilling to be part of their experience. As a recent Ph.D., my Moreau fellowship award affords me the time and space to work on my book manuscript, which discusses how African women writers and filmmakers reconfigure gender, sexuality and spatial politics in their texts. Given the pressures faced by junior faculty on the tenure track and those seeking academic employment, I realize I am very fortunate to have such an opportunity and I am keen to make the most of it. I am also delighted to find that I can depend on the Moreau Fellows from the last two years to serve as helpful resources and as models of success.*

Miguel J. Romero



Moreau Postdoctoral Research Associate, theology
Interests: Thomas Aquinas; moral theology; theologies of disability; theologies of liberation; Catholic social teaching
Courses: What Does It Mean to Do Theology?; Disability in the Catholic

Intellectual Tradition

Education: Th.M., Th.D., Duke University Divinity School; M.Div., Fuller Theological Seminary; B.A., Colorado College;

Why Notre Dame: *The principle concern of my theological and philosophical research concerns the virtuous response to human suffering. The University of Notre Dame is an institution committed to helping Catholic women and men faithfully respond to their suffering neighbor. Specifically, the practical performance of our grave moral option for the good of those who suffer as a result of extreme poverty, physical and psychological affliction, or political oppression.*

Deondra Rose



Moreau Postdoctoral Research Associate, political science

Interests: Public/social policy; the politics of gender; American political development; political behavior; race and politics, inequality
Courses: Politics and Policy; Inequality and American Politics

Education: Ph.D., M.A., Cornell University; B.A., University of Georgia

Reflection: *It has been an absolute honor to join the Notre Dame community as a Moreau Postdoctoral Fellow in the Department of Political Science. The political science program represents an ideal environment in which to continue my research on the influence that U.S. public policies have had on equality and inclusion in American politics. With the support of the Moreau Fellowship, I am currently working on a book manuscript and two scholarly journal articles that examine the development of landmark higher education programs—like federal student loans, Pell Grants, and Title IX—and the impact that these programs have had for the gender dynamics of U.S. higher education and the nation's political landscape. In addition to the Moreau Fellowship's immense value to my research, I am thrilled that the program will allow me to offer undergraduate courses on public policy and inequality.*

SERVICE ANNIVERSARIES

The University congratulates the following employees who celebrate significant service anniversaries in September, including 55-year employee **John S. Dunne**, theology.

45 years

Cornelius F. Delaney, philosophy
Kwan S. Kim, College of Arts and Letters
Thomas A. Werge, English

40 years

Peri E. Arnold, political science
Alexander J. Hahn, mathematics
James L. Wittenbach, accountancy

35 years

Stephen E. Gersh, Medieval Institute
Julia F. Knight, mathematics
James J. Kolata, physics
Robert A. Krieg, theology
William F. McKinney, business process advisory services
Marvin J. Miller, chemistry and biochemistry
William D. Nichols and **David N. Ricchiute**, accountancy
William D. Solomon, philosophy
John H. Van Engen, history

30 years

David M. Betson, economics and policy studies
Michael C. Brownstein, East Asian languages and cultures
Noreen Deane-Moran, English
JoAnn DellaNeva and **Maria R. Olivera-Williams**, Romance languages and literatures
Michael R. DePaul and **Thomas P. Flint**, philosophy
Nasir Ghiaseddin and **Khalil F. Matta**, management
Richard L. Gray, art, art history, and design
Eugene W. Halton, sociology
Yih-Fang Huang, electrical engineering
Scott E. Maxwell, psychology
Clark Power, Program of Liberal Studies
David F. Ruccio and **Jennifer L. Warlick**, College of Arts and Letters
Ting-Kin D. Yeh, Mendoza

25 years

Lisa M. Cunningham, Food Services
Karen F. Lanser, Hesburgh Libraries
Lisa K. Phillips, risk management and safety
Stephen N. Smorin, mail distribution

20 years

Kathleen A. Carr, Food Services
John H. Engel, Office of Research
Daniel A. Handley, Custodial Services
Cathy S. Martsoff, St. Michael's Laundry
Rosanne Molenda, Financial Aid
Anita M. Stratton, First Year of Studies
Rebecca J. Wajszczuk, University Health Services
Heidi J. Williams, Snite Museum

15 years

Donald Crafton, film, television, and theatre
Matthew E. Fulcher, College of Arts and Letters
Trang K. Hoang, Maurice K. Scott and **Dawn A. Young**, Custodial Services
Scott J. Kirner, Academic and Administrative Services
Bart D. Loeb, Customer Support Services
Akio Mori and **Thomas G. Streit**, biological sciences
Arenda J. Murray, Food Services
Michael S. Rafferty, EIS communication services
Lana M. Taylor, Office of Campus Safety
Diannah R. Thibault, St. Michael's Laundry

10 years

Ann Bejma, Food Services
Myra S. Chamblee, admissions
Kay Ernsberger, preprofessional studies
Robert Fox and **Patricia L. O'Rourke**, Hesburgh Libraries
Xinyu Liu, physics
Carey Lohraff, Huddle
Bachlien Nguyen, Custodial Services
Nancy L. O'Connor, aerospace and mechanical engineering
Mary Paul, human resources
Christina Ries and **Christine T. Sopczynski**, film, television, and theatre
Leigh A. Roberts, payroll services
Michael A. Roberts, radiation laboratory
Innocent Rungenga, Morris Inn
Douglas A. Shoue, biological sciences

NEW EMPLOYEES

The University welcomes the following employees who began work in August:

Christopher Antczak, Diem T. Phan and **Joanna R. Scott**, University Counseling Center
Mary Atwood, Scott Boyle, Zachary J. Imfeld and **Katherine M. Klee**, Campus Ministry
Renee Barton, Corporate Relations
Maureen B. Baska, Career Center
Christina Berryman and **Crystal M. Reinhardt**, Freimann Animal Care Facility

Marie Y. Bourgeois and **Andy Fuller**, Marketing Communications
David Chico, North Dining Hall
Gregory J. Davis, Center for Research Computing
Trezlen D. Drake, Law Library
Ami M. Driscoll, University Health Services
Alexis R. Ebel, Office of the General Counsel
Tiffany A. Fisk, Student Activities
Kevin E. Fye and **Jennifer Kilian**, Law School
Heather Gary, Cushwa Center

Kimberly M. Gaughan, music
Oscar Gonzalez and **Terri L. Sweeney**, psychology
Elizabeth Goshert, Legends
Scott E. Gump, Samuel J. Hovland, Molly K. Jergenson, Matthew K. Karweck, Sarah E. Lawless, Amy Prestinario and **Charles Ristano**, athletics
Ellen Gunn and **Misha A. Host**, biological sciences
Emily M. Hammock, theology
James G. Hassig, security
Sharon K. Hayward, project management

Harold Johnson, General Services
Alicia M. LeRoy, political science
Laurie L. Mastic, College Seminar
Steven T. McClure, Alliance for Catholic Education
Tuan N. Ngo, information security
Darlene A. Nowakowski, DCL Services
Lawrence Perry, Catering by Design
Amanda B. Qualls, development
Michael Rippey, Snite Museum
Rebecca Rutkowski, registrar

Michael Sanders, aerospace and mechanical engineering
Joshua W. Seachris, Center for Philosophy of Religion
William Stackman, student affairs
Andy M. Willett, fire protection
Maya C. Younes, Multicultural Student Programs and Services

Mattresses donated to local nonprofits

New recycling effort diverts items from landfill

BY GENE STOWE, FOR NDWORKS

A collaboration among Notre Dame departments provided 227 mattresses to eight local not-for-profit organizations, diverting the used dorm mattresses from the landfill while providing a rare opportunity for the agencies to fill an often-overlooked need.

Building Services, the Architect's Office, the Office of Sustainability and the Office of Public Affairs worked together to recycle the goods, part of a recently established program for replacing mattresses campus-wide.

"We are saving the landfill," says **Jessica Brookshire**, associate director for public affairs, who contacted the agencies when **Erin Hafner**, programs manager for the Office of Sustainability, alerted her that some 300 mattresses were available. "I made a number of calls and got rid of every single one we had," she says, although some were too worn for reuse. "These mattresses were 10 years old. That's how long those mattresses had been in place."

The 300 mattresses would have cost around \$1,500 to recycle, Hafner says. "We're really excited to be involved in this new recycling initiative," she says. "We were able to match a need within the community for a majority of the used mattresses pulled from dorms during the summer replacement program that typically end up in a landfill. Reuse is the best form of recycling!"

The mattresses went to Hope Ministries, the YWCA, Church Lady and Friends Outreach Ministries, AIDS Ministries, Mishawaka Food Pantry Inc., Life Treatment Center, Boy Scouts of America and St. Vincent de Paul. Some agencies distribute to people who need them, some use them as part of their own residential services.

"Mattresses are probably the most asked-for item at the pantry and the least item donated to the pantry," says Mike Hayes at the Mishawaka Food Pantry, which took 42 mattresses. "That was pretty phenomenal for us. We just made space for them because they're such a sought-after commodity."

"We use them all here at our facility at the YWCA," says Greg

Butts, who took 60. "Some of ours have been beaten up and destroyed over the years. We had looked at purchasing some and we didn't have the funds. It was the perfect time for Notre Dame to give us some. Last time we looked, when we wanted to purchase 20 of them, they were \$120 apiece."

Four families that needed beds came to the YWCA the day that the mattresses arrived. "We can never turn somebody down in need," Butts says. "It's just our policy. We find a place for them, even if it requires tossing a mattress on the ground in one of the rooms. It came at just the right time."

A recycling program for the benefit of community agencies started last year by Dillon Hall President Andy



Custodial Services staffers Larry Corkins, at left, and Nick Triest, helped move some of the 227 mattresses provided to eight local nonprofits.

Boes, donating unused shampoo and soap from the Morris Inn to the United Way's People Gotta Eat Initiative, has grown to involve nine area hotels. The program benefits 17 food pantries, including Mishawaka's. Similar initiatives on campus

could provide more help for the community, Brookshire says. "Before they throw things away, think about the surplus properties initiative as well as the idea that other people can use it," she says. "One man's trash really is another man's treasure."

Remembering Dublin

SATURDAY, SEPTEMBER 1, 2012



A

Some 35,000 Americans descended on Dublin, Ireland, for the Emerald Isle Classic football game between Notre Dame and Navy played Saturday, Sept. 1, at Aviva Stadium. It was a once-in-a-lifetime opportunity for many Notre Dame fans to experience the country, learn about their Irish heritage and celebrate Notre Dame's academic, faith and athletic tradition.

A. The Notre Dame football team celebrates after defeating Navy 50-10.

B. A Dublin pub decorated with Notre Dame and Navy flags.

C. The Notre Dame band marches through the Temple Bar area after the Mass of Thanksgiving.

D. The "Notre Dame Welcome Home" pep rally at O2 Arena in Dublin.

E. Members of the band form a cloverleaf during halftime.

F. The door of O'Connell House in Dublin.

The University acquired the late-18th-century building in 2002, and restored it to meet the needs of the Notre Dame Ireland program.

G. A fan celebrates with his son after Notre Dame scores a touchdown in the first half.

H. The Archbishop of Dublin, Diarmuid Martin, presider and homilist for the Mass of Thanksgiving at Dublin Castle.

At right, the leprechaun leads fans in cheers during the first quarter.

Photos by Matt Cashore and Barbara Johnston

