For the last 30 years, the Hesburgh lecture series has drawn on the inspiration provided by the late Rev. Theodore M. Hesburgh, C.S.C., to engage the Notre Dame family around the world in the lifelong pursuit of learning. Each year, the cover of this book has featured a different image of our beloved former president, who passed away in February 2015 after a remarkable life devoted to the Church and Notre Dame.

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November, 2015

Dear Club Leaders:

As the Hesburgh Lectures Series continues into its third decade and with the passing of our beloved Father Ted Hesburgh, C.S.C., it is important that we express our gratitude to our remarkable clubs, faculty, and sponsors who are the lifeblood of this meaningful program. Your commitment is inspiring and on behalf of the Alumni Association, I thank you.

Over the years, the series has grown in reputation and scale to the signature academic program it is today. There are over 100 dedicated faculty members who share their passion and scholarship with our alumni and friends in communities around the world. Their presentations number over 240 different lecture topics. If your club has hosted a lecture, thank you and please consider making it an annual event in your community. If your club has not hosted a Hesburgh lecture, I encourage you to contact the Academic Programs staff to learn more about this valuable continuing education program.

For our part, we pledge to continue to enhance this vital series. In this way, we honor Father Ted, who was a true lifelong learner. Together, we will ensure his legacy is one that’s worthy of his vision, thirst for knowledge, and commitment to dialogue on issues impacting our world.

All the best,

Dolly Duffy ’84
Executive Director, Alumni Association
Associate Vice President, University Relations
HESBURGH LECTURE SERIES

Inspired by the late Father Hesburgh’s example of lifelong learning, the Hesburgh Lecture Series has brought University faculty to Notre Dame clubs and their local communities since 1986. The lectures, presented by mostly tenured faculty, showcase the depth and breadth of Notre Dame’s academic expertise in research and teaching through an accessible format suitable for a general audience. The Hesburgh Lecture Series furthers the mission of the Alumni Association to provide meaningful continuing education opportunities to Notre Dame alumni and friends.

From seven lectures in the first year, the portfolio of topics has expanded to 245 lectures, presented by 112 faculty members on topics related to Arts/Architecture, Business/Economics, Catholicism/World Religions/Spirituality, Communications, Current Affairs, Education, Environment, Ethics/Social Concerns, Family, Globalization/Intercultural, Government/Law/Politics, Health, History, Human Behavior, Notre Dame, Science/Engineering, Sports, and Technology/Social Media. Annually, approximately 6,700 alumni and friends attend Hesburgh Lectures.

Program Objectives
• The Hesburgh Lecture Series brings the Notre Dame campus to its alumni and friends across the country
• The program encourages intellectual dialogue between alumni, community members, and distinguished Notre Dame faculty
• Lectures address issues reflective of the unique strengths of the University in an effort to stimulate the intellectual engagement of our graduates and others

Benefits of Sponsoring a Lecture
• Serves as an opportunity to showcase Notre Dame and the ND club to the community
• Generates community support by inviting a local organization to co-sponsor
• Appeals to Notre Dame alumni and friends who are interested in intellectual engagement

“Hesburgh lectures are truly a rewarding experience. Since 1986, as one of the original Hesburgh lecturers, I have enjoyed engaging with Notre Dame clubs across the United States. Our Alumni are a remarkable and fun group, and they bring interesting friends to these programs that enable faculty like me to share their research and passion. I value the opportunity to interact with these Notre Dame communities and welcome their enthusiasm and diversity of thought on important issues.

I feel privileged to be a part of this enlightening and entertaining tradition.”

Lee Tavis, Professor Emeritus
Mendoza College of Business

Lecture Request and Scheduling
All lecture requests must be submitted through the online form. Please do not contact the faculty members directly until you have received your written confirmation from the Alumni Association.

Program Costs
For a club to host a Hesburgh lecture, the cost is $300 to cover the faculty honorarium. If a club has never sponsored a Hesburgh lecture, the Alumni Association waives the $300 honorarium for the first lecture. Failure to pay the honorarium will affect the club’s eligibility for football tickets.

The Alumni Association covers the cost of travel, including airfare, up to two night’s lodging, and up to two day’s meals for each lecture. Clubs are responsible for all costs associated with the lecture and surrounding events, including invitations, marketing materials, room and equipment rentals, reception, and meals if necessary. Many of these expenses may be reduced by co-sponsoring the lecture with local organizations.

The lecture must be free and open to the public. All promotional materials must clearly state this. However, a club may charge a fee for a meal or reception that is associated with the event, as long as a person has the option of attending the lecture without attending the associated event.

A club may work with the faculty and request an additional lecture or event during the trip. In these cases, the club is responsible for the event coordination with the faculty directly. Any additional expenses associated with the added events are also the responsibility of the club. Extra costs may include a honorarium, accommodations, or meals.
SECTION 1: LECTURE BY CATEGORY
Lecture titles are listed by category, and most lectures are included in more than one. The 2016 categories include Arts/Architecture, Business/Economics, Catholicism/World Religions/Spirituality, Communications, Current Affairs, Education, Environment, Ethics/Social Concerns, Family, Globalization/Intercultural, Government/Law/Politics, Health, History, Human Behavior, Notre Dame, Science/Engineering, Sports, and Technology/Social Media.

SECTION 2: LECTURE DESCRIPTIONS
Lectures including the descriptions are listed in alphabetical order.

SECTION 3: LECTURER BIOGRAPHIES
All lecturer biographies are provided in alphabetical order with photos, lecture titles, and page numbers.

Suggested Timeline
THREE TO SIX MONTHS PRIOR TO THE LECTURE:
☐ Establish a Hesburgh Lecture or educational coordinator and/or committee.
☐ Select three speakers, preferred lecture topics, and possible dates.
☐ Submit your lecture request to the academic programs staff using the online form at clubs.undgroup.org/HLSR. Please enter three lecture options including speaker name, lecture title, preferred dates, and any special instructions. If you have any questions, please contact the academic program staff at alumaced@nd.edu or (574) 631-8693.
☐ Secure the venue and identify possible co-sponsors.

AFTER RECEIVING THE CONFIRMATION EMAIL FROM THE ALUMNI ASSOCIATION:
☐ Contact the faculty member immediately and discuss location, date, time of the lecture, and technology needs.
☐ Send honorarium payment to the Alumni Association.
☐ Begin to promote the lecture through club and community partners including press releases, community media outlets, and websites/calendars.

TWO MONTHS PRIOR TO THE LECTURE:
☐ Email or mail logistical information to the speaker.
☐ Promote the program in the club newsletter, club website, and social media.
☐ Continue to promote the lecture through club and community partners including press releases, community media outlets, and websites/calendars.

THREE TO FOUR WEEKS PRIOR TO THE LECTURE:
☐ Invite attendees. Don’t forget the requirement to include the general public.
☐ Call or email speaker to confirm details, including technology needs.

☐ Confirm logistics at venue (e.g., audio-visual equipment, room set up).

ONE TO TWO WEEKS PRIOR TO THE LECTURE:
☐ Send broadcast email/text to club members and community partners reminding them of the lecture.
☐ Place reminder calls to people who responded to the invitation (phone tree).

ONE TO TWO WEEKS AFTER THE LECTURE:
☐ Check your email for the follow-up message and use the link to complete your online evaluation survey for the event, including total number of attendees.

Suggested Program Format
☐ 10 Minutes: Welcome and introduction by club leader. Please use faculty biography in Hesburgh catalog.
☐ 30-40 Minutes: Presentation by lecturer.
☐ 15-30 Minutes: Questions and answers/discussion.
☐ Reception (if appropriate).

Helpful Tips
• In order for the event to be counted as a Hesburgh Lecture, the faculty member must be selected from the Hesburgh catalog. Coordinators are strongly encouraged to discuss topics of interest with the club leadership prior to submitting the lecture request. Please submit lecture request on the web at clubs.undgroup.org/HLSR.
• Choose a date and time that does not conflict with other club events. Also, please check the University calendar (http://calendar.nd.edu) for potential dates to avoid (e.g., home football games, Commencement weekend, school holidays).
• Many clubs have been able to generate community support by inviting a local organization to co-sponsor the event. This helps showcase Notre Dame and our academic excellence within the community. The co-sponsoring organizations may be able to help with location, publicity, attendance, and honorarium.
• In selecting a location for the lecture, be sure that it is conveniently located (e.g., local high school or college facility, parish center, or hotel) and provides parking.
• Hospitality is always appreciated by our faculty members. This can be in the form of recommending convenient hotels, offering transportation to and from the airport and the lecture, and inviting the speaker to dinner.
• For more information, visit our website my.nd.edu/hesburghseries.

Questions? Please contact...
ALUMNI ACADEMIC PROGRAMS
Academic Programs Director 574-631-6000
Janet L. Miller, Administrative Assistant
Miller.17@nd.edu or 574-631-8693
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**TECHNOLOGY/ SOCIAL MEDIA**

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A Guided Tour of the Constitution of the United States

Richard W. Garnett, J.D., Professor, Law School; Concurrent Professor, Political Science; Fellow, Institute for Educational Initiatives

The Constitution of the United States has both evolved and endured. Americans argue passionately about our Constitution, but how well do we really know it? This lecture provides an accessible overview of, and “citizen’s guide” to, the history, content, and future of our Constitution.

A History of Financial Crises

Richard A. Jensen, Ph.D., Gilbert F. Schaefer Professor, Economics

Financial crises always have been with us. Examining such crises in the U.S. in the 1800s, in Europe in the Renaissance, and in ancient Rome provides perspectives that help understand their common causes and consequences.

A Look at Baseball’s Handling of “A Fistful of Dollars”—MLB’s System of Salary Arbitration

Edmund P. Edmonds, J.D., ’73, Associate Dean, Director, Kresge Law Library

Major League Baseball uses a system of final offer salary arbitration as the ultimate solution for salaries of a group of players each year who are not eligible for free agency. This lecture presents an explanation of the system, together with a discussion of baseball’s general salary structure.

A More Powerful Sorcerer? Magic and Conversion in a Haitian Transnational Community

Karen E. Richman, Ph.D., Director, Migration and Border Studies, Institute for Latino Studies; Concurrent Associate Professional Specialist, Anthropology

The popular religion of Haiti, known to outsiders as Vodou, is a complex, dynamic blend of European, African, and Creole religious ideologies and practices centered around the material reality of spiritual affliction, sorcery, and magic. Haitian migrants have been publicly disavowing this religion and joining ethnic evangelical churches. Yet underneath the evangelical’s modern, ascetic cloak, representations of instant money and private ambition—the illicit rewards of sorcery and magic—remain at the heart of their instrumentalist rhetoric.

A Pope on the Margins: Pope Francis’s Vision for the Church

J. Matthew Ashley, Ph.D., Associate Professor of Systematic Theology; Chair, Department of Theology; Fellow, Reilly Center for Science, Technology, and Values

In the first years of his pontificate Pope Francis has defied easy categorization in terms of the divisions that have plagued the Church over the past three decades. The first Pope from the global south, his pontificate marks an important turning point for the Catholic Church in more ways than one. This lecture examines Francis’s pontificate by looking at how his experience as a Jesuit and as Archbishop in Argentina has shaped his vision of the Church as a principal sign and instrument of God’s mercy in the world, especially “on the margins.”

A Serendipitous Route to the Golden Dome

Anthony M. Trozzolo, Ph.D., Huisking Professor Emeritus, Chemistry and Biochemistry

Accidental quirks in science often lead to significant discoveries and inventions, such as penicillin and the transistor. This lecture presents some examples of serendipity in the author’s career and research, which ultimately led to Notre Dame and the “Rudy game.” An attempt will be made to offer guidelines for exploiting the role of serendipity in science.
A Superb Statesman and Thinker: Cicero’s Achievements in the Roman Republic
Walter J. Nicgorski, Ph.D., Professor Emeritus, Program of Liberal Studies; Concurrent Professor, Political Science
This lecture explores a slice of history around the achievements of Cicero as orator, lawyer, philosopher, political leader, and correspondent. It brings to light his wisdom and alleged weaknesses while introducing his ancient as well as modern enemies.

A Tale of Two Trials—From Dayton to Dover: What Have We Learned About Evolution and Christian Faith?
J. Matthew Ashley, Ph.D., Associate Professor, Systematic Theology; Chair, Department of Theology; Fellow, Reilly Center for Science, Technology, and Values
The history of the last century in the U.S. might suggest that the theory of evolution and Christian faith are inevitably at loggerheads. This lecture shows that a closer look at the Christian tradition reveals that this is not the case, and explores recent works to harmonize the findings of evolution and Christian faith.

Academic Entrepreneurship
Richard A. Jensen, Ph.D., Gilbert F. Schaefer Professor, Economics
In the current climate of higher education, every major research university must have an innovation park. But what are the characteristics of universities and their faculties that are most effective at generating patents, licenses, startups, and royalty income?

Achieving Corporate Sustainability in Today’s Business Environment
Lee A. Tavis, Ph.D., ’53, The C.R. Smith Professor of Finance Emeritus; Fellow, Joan B. Kroc Institute for International Peace Studies; Fellow, Kellogg Institute for International Studies
The information revolution is driving a process of global economic, political, and social change. A more informed society is demanding higher standards of behavior from the corporations that she has created. There is great uncertainty as to the future direction or intensity of these demands. The United Nations Global Compact provides a plan for this future.

Advising the White House on Public Bioethics: The Role of General Counsel to the President’s Council on Bioethics
O. Carter Sneed, J.D., Professor, Law; W.P. and H.B. White Director of the Notre Dame Center for Ethics and Culture
This lecture explores the role of the General Counsel to the President’s Council on Bioethics—a White House advisory committee dealing with the legal and public policy dimensions of advances in biomedical science and technology.

Aging Successfully
Cindy S. Bergeman, Ph.D., Professor, Psychology
This lecture explores the psychosocial and health attributes that help one overcome the risks and challenges associated with aging. Discussion regarding the factors that contribute to life expectancy, and what you can do to add quality to your later years, will follow.

America the Beautiful
John C. Nagle, J.D., Professor; The John N. Matthews Chair in Law
Americans love our scenery. That scenery will receive special attention in 2016, which is the 100th anniversary of the National Park Service. Our national parks explain why we care so much about the beauty of our scenic landscapes, how we decide which places are specially scenic, and what we need to do to ensure that people continue to enjoy our beautiful nation.

American Wilderness and Its Challenges
Anne G. Coleman, Ph.D., Associate Professor, American Studies
Wilderness is a central part of American identity. This talk will explore how the idea of wilderness has developed in American culture since the 19th century, and how places associated with that idea still raise questions about who wilderness is for and what purpose it should ultimately serve.
An Architecture of Transcendence
Duncan G. Stroik, M.Arch., Professor, Architecture
What are the universal and time-tested principles of sacred architecture and how can they be applied today?

Antibiotics: The Twentieth-Century “Silver Bullets” and How They Are Being Tarnished
Shahriar Mobashery, Ph.D., Professor, Navari Family Chair, Life Sciences
There exists a crisis in medicine in the treatment of infections. For example, some bacteria have become resistant to virtually all antibiotics, reducing clinical options for treatment of infections. This lecture describes the history of discovery and introduction to the clinic of antibiotics. It also describes how antibiotics have been compromised due to resistance, and what the average person can do to help the situation.

Are You Resilient? How to “Bounce Back” from Adversity
Cindy S. Bergeman, Ph.D., Professor, Psychology
Psychological resilience is the ability to recover readily from stress and adversity, including both major life events and chronic difficulties. Resilience is not a rare ability; in reality, it is found in the average individual and it can be learned and developed by virtually anyone.

Baseball’s Interesting Relationship with the U.S. Supreme Court
Edmund P. Edmonds, J.D., ’73, Associate Dean, Director, Kresge Law Library
The U.S. Supreme Court has issued three separate opinions (Federal Baseball in 1922, Toolson in 1953, and Flood in 1972) that created baseball’s antitrust exemption and special status. The decisions will be discussed together with an explanation of the court’s different treatment for baseball compared to other sports and industries.

Beautiful Ugliness and Christianity
Mark W. Roche, Ph.D., Rev. Edmund P. Joyce, C.S.C., Professor, German Language and Literature; Concurrent Professor, Philosophy
Why is modern art fascinated with the ugly, and what role did Christianity play in this development? How can we distinguish between great art that integrates the ugly and bad art? The presentation, which includes Christian and secular images, is partly designed to help viewers grapple with modern art.

Bees Do It, Birds Do It—Are Humans Any Different?
Agustin Fuentes, Ph.D., Professor and Chair, Anthropology
Are men and women really that different when it comes to what they want in a partner? Can animals tell us anything about human love and marriage? This lecture answers these questions with cutting-edge information from biology and anthropology, and dispels many myths about human sexuality along the way.

Behavioral Genetics and Behavior: Its Implications for You
Timothy A. Judge, Ph.D., Franklin D. Schurz Professor of Management
Genetics research has produced some of the most profound insights in the past quarter-century. In this talk, behavioral genetics research methods and evidence will be presented, followed by a discussion of how these insights alter our understanding of work behavior, parenting, and public policy.

Being Atticus Finch
Rev. David T. Link, LL.D., D.Lit., D.Sc., D.H.L., ’58, ’61 J.D., Joseph A. Matson Dean Emeritus and Professor of the Law School, President Emeritus of the University of Notre Dame Australia
This lecture studies the character of the attorney in To Kill a Mockingbird.
Big Science: The Largest Telescopes on Earth and in Space

Peter M. Garnavich, Ph.D., Professor, Astrophysics/Cosmology Physics

We live in a golden age of astrophysical discovery stemming from advances in technology and engineering. Notre Dame has a share in the Large Binocular Telescope (LBT), the largest optical telescope in the world. Its unique design and light collecting power make it a powerful tool for probing the distant universe and discovering extra-solar planets. In the last few years, Notre Dame astrophysicists have leveraged the capabilities of the LBT and the Hubble Space Telescope to make major breakthroughs.

Biological Machines

Patricia L. Clark, Ph.D., Rev. John Cardinal O’Hara, C.S.C., Professor of Chemistry and Biochemistry

In order to function, cells must do work. This work is accomplished by molecular-scale machines that are both beautiful and incredibly efficient. This talk will illustrate several cellular machines, including the ribosome (responsible for synthesizing proteins from our genetic code) and the bacterial flagellum (the “tail” that permits bacteria to “swim” in search of food).

Books with the Homeless

Stephen M. Fallon, Ph.D., Rev. John J. Cavanaugh, C.S.C., Professor of the Humanities; Professor, Program of Liberal Studies; Professor, English

Since 1998, a Great Books seminar has been offered each semester, carrying Notre Dame credit, at South Bend’s Center for the Homeless. This lecture recounts the inspiration, inauguration, aims, and progress of the World Masterpieces Seminar, and it points to lessons learned over the last 17 years.

Business in Light of Catholic Social Teaching

Martijn Cremers, Ph.D., Professor, Finance

This lecture explores the purpose, the priority, and the practice of business in light of Catholic Social Teaching. How can business contribute to human flourishing, just human relationships, and integral human development?

Can Roe v. Wade Be Overturned? If Not, What Alternatives or Strategies Are Available to Protect Unborn Life in America?

Donald P. Kommers, Ph.D., Professor Emeritus, Political Science

This lecture revisits Roe v. Wade and the possibility of its rejection by the U.S. Supreme Court. It draws on Germany’s abortion jurisprudence for suggesting alternative strategies for curtailing the incidence of abortion in the United States.

Can Virtue Be Taught? Moral and Character Education in America

F. Clark Power, Ed.D., Professor, Program of Liberal Studies; Director, Play Like A Champion™; Concurrent Professor, Psychology; Fellow, Institute for Educational Initiatives

There is a growing consensus that moral and character education ought to be undertaken in American schools, but there is widespread disagreement over how to do so. Using recent social science research, Power argues that moral education is necessary in the curriculum, classroom and school discipline, community service projects, and sports.
Can You Do Well While Doing Good?
Rev. Oliver F. Williams, C.S.C., Ph.D., ’61, ’69 M.A., Associate Professor, Management; Fellow, Joan B. Kroc Institute for International Peace Studies; Director, Center for Ethics and Religious Values in Business

Today, many believe that business ethics is an oxymoron. Following the spirit of the famous line, “an ambassador is an honest man lying abroad for the good of his country,” some business leaders conduct their operations as if the bottom line is the only concern. Is it possible to do well while doing good? Discussing many examples such as Microsoft, Anglo American, Coca-Cola, and Merck, the lecture discusses how it is possible to outline a way for a business manager to exhibit superior performance in business and yet be a model of virtue and ethical values.

Catholic Women as Theologians and Preachers
Sister Kathleen Cannon, O.P., Associate Dean, College of Science; Concurrent Associate Professor, Theology
This presentation will explore some of the roles that women have played in the Church, particularly as preachers and theologians. It will address some of the critical questions and issues in theology developed by women scholars.

Changing Concepts of Infant Care and Parenting: Sleeping With Baby, Breastfeeding, and Infant Sleep Position
James J. McKenna, Ph.D., Professor, Anthropology; Director, Mother-Baby Behavioral Sleep Laboratory
In the last decade especially, the scientific understanding concerning Sudden Infant Death Syndrome, breastfeeding, infant-sleep-position, and co-sleeping with infants has changed in dramatic ways. In this lecture, both old and relatively new parents will be surprised by how culture and evolution transact to affect women, infant development, and parenting, and give rise to the question: in how many ways can one successfully raise a human being?

China, Tibet, and Taiwan: A Fateful Triangle
Lionel M. Jensen, Ph.D., Associate Professor, East Asian Languages and Cultures; Associate Professor, History
A visual, interpretive tour of the political and ideological dynamics of China are introduced by way of its relationships with two countries that it officially defines as part of its “motherland,” but both of which defy such inclusion. With political unrest in Tibet and a democratic Taiwan, China’s claim of sovereignty over these territories is increasingly troubling.
China’s “Confucius Institutes” and the American Academy: Money, Politics, Persuasion, and Propaganda

Lionel M. Jensen, Ph.D., Associate Professor, East Asian Languages and Cultures; Associate Professor, History

Since 2004, China has founded more than 660 Confucius Classrooms and Confucius Institutes in university locations all over the world. The country with the largest number of these is the United States and it is here that great concern has been expressed over Chinese political and economic threats to academic freedom. What’s wrong with China’s soft power?

China’s Cultural Scene

Jonathan Noble, Ph.D., Assistant Provost for Internationalization (Asia), ND International; Executive Director, Liu Institute for Asia and Asian Studies; Director, Beijing Global Gateway; Fellow, Kellogg Institute of International Studies

This lecture introduces trends and key figures in China’s contemporary cultural scene, including authors, poets, filmmakers, and artists. The lecture highlights both the ways in which China’s contemporary culture reflects social and political realities, and how intellectual and artistic movements aim to improve society and liberate the individual.

China’s Environmental Disaster

John C. Nagle, J.D., Professor; The John N. Matthews Chair in Law

The familiar downside to China’s unprecedented economic growth is an equally unprecedented amount of pollution and environmental destruction. China’s central government is trying to address the country’s environmental problems, but it struggles with a surprising inability to actually regulate what happens outside of Beijing.

China’s Global Impact

Jonathan Noble, Ph.D., Assistant Provost for Internationalization (Asia), ND International; Executive Director, Liu Institute for Asia and Asian Studies; Director, Beijing Global Gateway; Fellow, Kellogg Institute of International Studies

China’s economy has accounted for 40% of the world’s economic growth during the last two centuries. This lecture focuses on the ways in which the world’s second largest economy is impacting the world in different ways, including business, technology, international relations, culture, and higher education.

China’s Rise and Geopolitics in the New Asian Century

Kwan S. Kim, Ph.D., Professor Emeritus, Economics; Fellow, Kellogg Institute for International Studies and Liu Institute for Asian Studies

The rise of China as a superpower in this century underscores global concern with its prospective role in the global economy. Recently, China made increasingly assertive territorial claims along the “internationally disputed” island chain surrounding its eastern and southern coast. The U.S. in this respect is greatly concerned with safeguarding its allies’ territorial integrity on the chain islands (i.e., Japan’s Senkaku islands, Spratly and others involving Vietnam and the Philippines and Taiwan). The U.S. attempts to deter the revisionist China’s expansionism. Are there any alternative strategies to peacefully deter China’s ambitions? Is a U.S. Arms buildup to counter China’s strength a right answer? These are some of the issues this seminar addresses.

Christianity, Islam, and Support for Religious Freedom: Lessons from Sub-Saharan Africa

Rev. Robert A. Dowd, C.S.C., Ph.D., ’87, Assistant Professor, Political Science; Director, Ford Family Program in Human Development Studies and Solidarity

Religious intolerance and religiously-related violent conflict continue to be problems in many parts of the world. Based largely on research conducted in sub-Saharan Africa, but also on observations from other parts of the world, this lecture seeks to contribute to a greater understanding of how Christian and Islamic religious communities come to support religious freedom for all.
Church Architecture for the Poor?
Duncan G. Stroik, M.Arch., Professor, Architecture
How do we build churches and still serve the poor? This lecture looks at the architecture built for the poor down through the ages, especially that of the Franciscans, Dominicans, and Jesuits.

Church Architecture Since Vatican II
Duncan G. Stroik, M.Arch., Professor, Architecture
How did the early 20th century Liturgical Movement and the Modernist movement in architecture contribute to the rise of so-called “Vatican II” church architecture?

Classical Perspectives on Friendship and Aging
Walter J. Nicgorski, Ph.D., Professor Emeritus, Program of Liberal Studies; Concurrent Professor, Political Science
Drawing especially from the writings of Aristotle and Cicero, the lecture illuminates aspects of friendship and aging that remain vitally important for human happiness in the present time. This lecture highlights the role of moral character in friendship and aging, the rarity of true friendship, and the difficulties for friendship in old age.

Climate Change in Urban Areas: Chicago as an Example
Harindra Joseph Fernando, Ph.D., Wayne & Diana Murdy Endowed Professor in Engineering & Geological Sciences; Concurrent Professor, Aerospace and Mechanical Engineering
Expansive growth of some urban areas during the past several decades and the influence of global climate change have exacerbated the anthropogenic-induced alteration of local climates within urbanized regions. As a result of these factors, urban heat island (UHI) effect in these urban areas has intensified, and Chicago is one of the examples. Intensified UHI has negative effects on air quality, human health and comfort, energy consumption, and biological ecosystems. Various numerical models exist to understand, monitor, and predict UHI and its associated problems, but none can resolve all the relevant physical phenomena which span a wide range of scales. We have utilized a comprehensive multi-scale approach to the study of Chicago’s UHI. Modeling results show some interesting change of local climatic conditions in Chicago over the next century.

Community Safety and Youth Violence Prevention: A Focus on Schools
James M. Frabutt, Ph.D., ’95, Mary Ann Remick Leadership Program Faculty, Alliance for Catholic Education (ACE); Director, Academic Community Engagement Office of the Provost
The safety of children is a paramount concern for schools and educators. Effective, high quality schools must include efforts to improve school climate and safety. This presentation reviews school violence trends and highlights best practices for safeguarding our children.

Congress Isn’t Broken
John C. Nagle, J.D., Professor; The John N. Matthews Chair in Law
Everyone thinks that Congress is broken, but it’s not quite so simple. Congress tends to mirror the people it represents, and those people are becoming increasingly polarized. The work we expect of Congress will improve if we have a better understanding of how Congress actually works and what it does.

Creating an American Identity: American Indians and the Co-Opting of Identity
Brian S. Collier, Ph.D., Graduate Faculty, Alliance for Catholic Education (ACE); Fellow, Institute for Educational Initiatives; Affiliate Faculty, Poverty Studies, American Studies, and Education, Schooling and Society
Does borrowing an indigenous identity somehow give Americans a sense of belonging to this land? Stories do have power in American history, and the stories we tell will be how we’re judged in the future. This is a humorous and thought-provoking lecture accessible to all audiences.

Current Federal Reserve Policy: What Are They Doing and Why?
Christopher J. Waller, Ph.D., Professor, Economics; Fellow, Kellogg Institute for International Studies; Fellow, Nanovic Institute for European Studies
This lecture examines monetary policy actions of the Federal Reserve, and explains reasons behind those actions. Also, this lecture analyzes how it affects the economy, inflation, stock prices, and housing.
Deciding to Be Green
Laura A. Carlson, Ph.D., Vice President, Associate Provost; Dean, Graduate School; Professor, Psychology
With the growing concern for the environment, we need to encourage more eco-friendly behavior. Carlson discusses how we can use psychology to explore our relationship with the environment, focusing on why and how we make everyday environmental decisions, such as recycling a can or using a reusable bottle.

Demographics and the Global Economy
Nelson Mark, Ph.D., The Alfred C. DeCrane Jr. Professor of International Economics; Acting Director, Liu Institute for Asia & Asian Studies
Momentous demographic transitions have occurred throughout the world since the mid 20th century. Declines in fertility and mortality combine to profoundly change the population age distribution and have long-term macroeconomic implications for aggregate saving, capital formation, the world interest rate, viability of pension schemes, labor supply, and long-run growth.

Did the Founding Fathers Intend to Separate Church from State?
Vincent Phillip Muñoz, Ph.D., Tocqueville Associate Professor of Political Science; Concurrent Associate Professor, Law
Is “under God” in the Pledge of Allegiance unconstitutional? Do Christmas displays in the public square violate the First Amendment? This lecture explores political thought of our leading Founding Fathers to explain the Founders’ visions about the proper relationship between church and state.

Discovering Most of the Universe: The Accelerating Universe and Dark Energy
Peter M. Garnavich, Ph.D., Professor, Astrophysics/Cosmology Physics
The discovery that the rate of expansion of the universe is accelerating is one of the most dramatic scientific revolutions of the century. The source of this acceleration is thought to be a mysterious “dark energy” that makes up three-quarters of the content of the universe. This story begins with Einstein and Hubble, shifts to two research teams in a race to find the ultimate fate of the universe using exploding stars and cutting edge technology, and culminates in Stockholm.

Do Men and Women Speak in Two Different Tongues? If So, Why?
James J. McKenna, Ph.D., Professor, Anthropology; Director, Mother-Baby Behavioral Sleep Laboratory
Anthropologists and linguists have noted that, when it comes to understanding language, not only does it appear that nonverbal (body) language is essential in bringing accurate meanings to social and interactional settings, but failing to appreciate that men and woman are socialized to use language in very different ways can lead to enormous misunderstandings. Moreover, in attempting to respect rank, by avoiding “direct” speech, we can, at times, endanger our lives.

Does Religion Cause Violence? What is the Role of Religion in Peacebuilding?
Atalia Omer, Ph.D., Associate Professor, Religion, Conflict, and Peace Studies
What are some of the relationships between religion and direct violence as well as social, cultural, and systemic violence? What constructive roles do religions provide to peace-builders in various contexts of conflict and devastation? Religion is often blamed for violence that is irrational and divisive. Do we have evidence to problematize this assertion?
Don’t Know Much About History

Linda Przybyszewski, Ph.D., Associate Professor, History; Concurrent Professor, Law

The books written by historians from places like Notre Dame don’t often show up in Barnes and Noble. Why not? It turns out we usually don’t write the five most popular kinds of history. What are they, why don’t we write them, and what can be done about it?

Early Hebrew Poetry and 21st Century Spirituality

Rev. Hugh R. Page Jr., Ph.D., Vice President, Associate Provost, Undergraduate Affairs; Dean, First Year Studies; Associate Professor, Theology and Africana Studies

This lecture gives a brief tour of the Bible’s most ancient poems with an eye toward their utilization as resources for contemporary spiritual reflection.

Economic Growth and Environmental Crisis in China

Kwan S. Kim, Ph.D., Professor Emeritus, Economics; Fellow, Kellogg Institute for International Studies and Liu Institute for Asian Studies

Under a form of state capitalism, China adopted a growth-first policy, exporting cheap manufactures as a prioritized activity for wealth creation. The country’s phenomenal speed of capital and material accumulation have, nonetheless, been accompanied by a rapidly deteriorating environment and depleting resources. As a result, today’s China faces unparalleled challenges in terms of sustainability of its development.

Einstein: How One Mild-Mannered Physicist Changed the Way We Understand Our World

Mitchell R. Wayne, Ph.D., Professor, Department of Physics

About one hundred years ago, Albert Einstein, armed with nothing more than paper, pencil, and his intellect, radically changed our view of the universe. This lecture explains a few of his more significant discoveries, how they changed our understanding of the laws of nature, and their relevance to today’s world.

Electrification of the Transport Sector: Challenges and Opportunities

Vijay Gupta, Ph.D., Associate Professor, Engineering

Electrification of the transportation market offers revenue growth for utility companies and automobile manufacturers, lower operational costs for consumers, and tangible benefits to the environment and national security. However, even a modest penetration of electric vehicles is expected to stress the existing grid severely. We have been working with our academic and industrial partners on designing algorithms and architectures for the integration of plug-in hybrid electric vehicles into the power grid. This talk will discuss some of this work.

Emergent World Power: China’s 21st Century Revolution

Lionel M. Jensen, Ph.D., Associate Professor, East Asian Languages and Cultures; Associate Professor, History

China’s prominence in global economy and politics is beyond question, but what does this mean? This slideshow lecture offers a window from which to observe and better understand this nation and its people. The audience will be introduced to the country’s complex human geography and thereby move beyond its conventional popular representation in western broadcast and print media.

Emerging Hotspots of Multi-Drug Resistant Malaria

Michael Ferdig, Ph.D., Professor, Biological Sciences

Drug resistance marches on, as the last best drug against malaria is failing in Southeast Asia. How can we track down these resistance hotspots? Can new “systems biology” approaches finally help us to parse the hidden genome code that makes this parasite so successful against all of our attacks?
"Employee-Care Zones": Ten Best Practices for Creating One in an Organization

Charles R. Crowell, Ph.D., ’70, Associate Professor, Psychology; Director, Computer Applications Program

“Employee-care zones” are places where corporate culture and management practices combine to favor the adoption by employees of success-related behaviors. In this talk, Professor Crowell provides an overview of ten evidence-based practices company management can use to achieve and sustain such a zone. These practices are strategies that can be easily understood and implemented.

Entrusted in Faith: Parents, Children, and Catholic Schools

James M. Frabutt, Ph.D., ’95, Mary Ann Remick Leadership Program Faculty, Alliance for Catholic Education (ACE); Director, Academic Community Engagement, Office of the Provost

Throughout the history of Catholic education, the Church has extolled the primacy of parents in the education of their children. The family is, as the tradition has named it, a house church. Drawing on this rich tradition, this presentation addresses major themes that are at the heart of the Church’s teaching regarding faith, parents, and Catholic schools.

Ernest Hemingway—In Our Time

Jacqueline Vaught Brogan, Ph. D., Professor Emerita, English

Hemingway’s In Our Time is almost always considered a collection of short stories (some of his best). However, it is a remarkably integrated book which must be read as a whole, to understand how completely he anticipates our own times—including gender and racial issues, capitalist expansion and ecological damage, and the need for charitas in his—and our—troubled world.

Ethical Business in the 21st Century

Patrick E. Murphy, Ph.D., ’70, Professor, Marketing

Much attention has been devoted to the “unethical” activities of business during the last several years. This lecture focuses on ethical principles and actions undertaken by leading ethical firms. Several suggestions are offered to enhance the role of ethics in corporations for the future.

Europe’s Revolutionary Spring: 1848

John Deak, Ph.D., Assistant Professor, History; Fellow, Nanovic Institute for European Studies

In the Spring of 1848 the continent of Europe was ablaze with revolution, from Italy to Ireland and France to the border regions of the present Ukraine. This lecture will cover the revolutions in their broader dimensions and help us better understand Europe today.

Facing Changes in the Church: Lay Service, Lay Power

Sister Kathleen Cannon, O.P., Associate Dean, College of Science; Concurrent Associate Professor, Theology

Current trends in the Church and projections for the future suggest that there will be fewer priests and more Catholics. This presentation will explore various models of the Church, the call to ministry, changes and continuities among U.S. Catholics, parishes without priests, and new roles for women and men in the Church.

Faith Taking Shape: Early Christianity and the Arts

Thomas F. Noble, Ph.D., Professor, History; Fellow, Nanovic Institute for European Studies

Between 300 and 1000 BC, Christian theologians developed a vocabulary and conceptual framework for talking about God. In those same centuries, as Christian art developed and spread, Christians also learned how to talk about art. There are surprises and ironies in these two parallel developments.

FDR and the Court-Packing Showdown

Barry Cushman, Ph.D., John P. Murphy Foundation Professor of Law

This lecture revisits the high drama surrounding President Roosevelt’s 1937 proposal to “pack” the Supreme Court. Many colorful and important figures played leading roles in the Senate’s ultimate rejection of the proposal. Yet the Court did become more receptive to New Deal legislation, and a new constitutional order emerged.
Fighting Cancer: Understanding Mechanisms of Cancer Progression

Crislyn D’Souza-Schorey, Ph.D., Morris Pollard Professor and Department Chair Biological Sciences

The detachment of cancer cells from the surface of a tumor signals the beginning of a critical phase in the spread of many cancers. This lecture will present newly discovered mechanisms of the early stages of tumor progression that could serve as effective platforms for diagnosis and therapeutics.

Fighting for Global Health: The Eck Institute for Global Health

Mary Ann McDowell, Ph.D., Associate Professor, Biological Sciences; or Shahriar Mobashery, Ph.D., Professor, Navari Family Chair, Life Sciences

Not in my back yard? Oh yes it is! Infectious diseases account for more than 13 million deaths annually; we are all at risk. Notre Dame’s Eck Institute for Global Health recognizes health as a fundamental human right and endeavors to advance health standards for all people. This lecture is for a lay audience.

From John Jay to John Roberts: The Evolution of the Supreme Court

Amy Barrett, J.D., ’97, Professor, Law

In 1801, John Jay refused John Adams’ offer to reappoint him as Chief Justice on the ground that the Court lacked “energy, weight, and dignity.” This lecture highlights some of the key players and events that moved the Court from its humble beginnings to its modern prominence.

Galileo and His Science in Images

Alexander J. Hahn, ’68 M.S., ’70 Ph.D., Professor, Mathematics; Director, Honors Program, College of Science

New volumes about Galileo continue to appear. This popular fascination is in part fueled by the perception that science and religion, and faith and reason are in conflict. Ever since Galileo appeared before the Inquisition, he has been a powerful symbol of this perception. This lecture gives an overview of Galileo’s scientific contributions in PowerPoint images and discusses essential aspects of the conflict between Galileo and the church.

Genesis and Gender: Milton’s Adam and Eve and the Birth of Modern Marriage

Stephen M. Fallon, Ph.D., Rev. John J. Cavanaugh, C.S.C., Professor of the Humanities; Professor, Program of Liberal Studies; Professor, English

Milton’s Paradise Lost (1667), our language’s greatest epic, offers both a sweeping vista of all space and time and an intimate portrait of marriage. This lecture explores the complex, prescient thinking on gender and marriage of a writer who has been attacked as a misogynist and celebrated as a proto-feminist.

Giving A “Last Lecture”

Edward F. Hums, M.B.A., ’75, Teaching Professor, Accountancy

This lecture will give you a chance to hear a condensed version of the “Last Lecture” presented by Professor Hums in October 2010 in Washington Hall. The “Last Lecture” is modeled on the original “Last Lecture” presented by Dr. Randy Pausch in 2007.

Global Issues and Catholic Social Teaching

Kwan S. Kim, Ph.D., Professor Emeritus, Economics; Fellow, Kellogg Institute for International Studies and Liu Institute for Asian Studies

Globalization, while seen as a powerful force for economic growth, is replete with social and economic conflicts among peoples and nations. This lecture addresses the structural contradictions and inequities in the contemporary global economy. Globalization-linked social concerns include sweatshops, world energy and environmental crisis, drugs and human trafficking, worker rights. The discussion thus explores the nature and scope of the tensions between practices under the ideology of global capitalism and the Catholic social teaching to respect human dignity as the global common good.
Global Poverty Gap—What Does It Take to Eradicate?

Kwan S. Kim, Ph.D., Professor Emeritus, Economics; Fellow, Kellogg Institute for International Studies and Liu Institute for Asian Studies

For many past decades, poor nations have received foreign aid but only a few have come out of poverty. After taking a fresh look at the magnitude of global poverty, this lecture identifies the domestic and global sources of vulnerability facing a social group trapped in sustained poverty, explaining in great length the issues of human capital, gender inequality, and in particular, the market failures under a democratic governance. The discussion then explores the local, national, and global actions to end extreme poverty and hunger. Special reference is made to sub-Saharan Africa and least-developed nations in Asia and Latin America.

Guided Self Development—A Mentoring Approach to Effective Management and Leadership

Charles R. Crowell, Ph.D., ’70, Associate Professor, Psychology; Director, Computer Applications Program

Guided Self Development (GSD) allows managers to move away from a directive development mode characterized by telling employees what to do and how to improve. GSD allows managers to empower and enable employees to recognize and evaluate their own performance and take the necessary actions to reach desired goals.

Hijacking Your Immune System: How Intracellular Parasites Survive

Mary Ann McDowell, Ph.D., Associate Professor, Biological Sciences

Parasites! Parasites! Parasites! Delve into the remarkable world of intracellular parasites that live in human white blood cells. Find out how they survive in the very cells whose function is to destroy microorganisms.

Hiring Wrong and How To Do It Right

Timothy A. Judge, Ph.D., Franklin D. Schurz Professor of Management

Most organizations base hiring decisions on the wrong methods and therefore make more mistakes in hiring the right people than they realize. The talk focuses on this problem, why it exists, and what can be done about it. Particular attention will be paid to practical ways of making better hiring decisions, and evaluating them more effectively.
Honey, I Shrunk the Lab! The Furious Race to Squeeze Your Hospital’s Clinical Lab onto an iPod™

Paul William Bohn, Ph.D., ’77, Arthur J. Schmitt Professor of Chemical and Biomolecular Engineering; Professor, Chemistry and Biochemistry

The era of personalized medicine is dawning—placing unprecedented demands on diagnostic information. In the future, the power of the clinical lab in your hospital will reside in a small device no bigger than an iPod™ sitting on the patient's bedside, thus putting your hospital's entire clinical lab on a chip.

How Active is Your Fund Manager?

Martijn Cremers, Ph.D., Professor, Finance

This lecture explores active investing in equity mutual funds focusing on “Active Share,” a new measure of active management based on holdings. How active are funds, and do truly active funds outperform?

How Do We Exit This Unusual Monetary Forest?

Timothy S. Fuerst, Ph.D., William and Dorothy O’Neill Professor; Director, Graduate Studies, Economics

Since the 2008 financial crisis, the U.S. Federal Reserve has implemented a set of novel policies designed to support economic recovery. But how and when do we exit these unusual circumstances?

How Methicillin-Resistant Staphylococcus Aureus (MRSA) Has Become a Global Clinical Scourge

Shahriar Mobashery, Ph.D., Professor, Navari Family Chair, Life Sciences

Methicillin-resistant Staphylococcus aureus (MRSA) is in the news almost daily. It kills approximately 20,000 Americans annually (more than AIDS). Why this organism has become such a problematic bacterium and what the average person can do to avoid it are the subjects of this lecture. This lecture is scientific in nature.

How Stress Gets “Under the Skin”: Implications for Health and Well-Being

Cindy S. Bergeman, Ph.D., Professor, Psychology

The stimulation of the “fight or flight” response can be beneficial, but when the stress system is chronically activated, detrimental effects on health result. This lecture focuses on the psychobiological pathways of stress, healthy and unhealthy responses to stressful life circumstances, and general tips for managing stress.

How to Be a More Effective Leader

Michael Crant, Ph.D., Professor, Management

Leadership is about getting things done through people. This lecture explores the question, “What makes a great leader and how can I become one?” The lecturer draws from vivid stories of the best practices of highly effective leaders in order to arrive at practical answers to this question.

How Two Brothers Started an Age of Revolution

Patrick N. Griffin, Ph.D., ’87, Madden-Hennebry Professor and Chair of History

This lecture will explore how Charles and George Townshend helped initiate the crisis that led to the Age of Atlantic Revolutions.

Human Aggression: Is It Really in the Genes?

James J. McKenna, Ph.D., Professor, Anthropology; Director, Mother-Baby Behavioral Sleep Laboratory

Scientists and social critics alike frequently argue over whether it is our “human nature” or our economic and cultural imperatives that make inevitable human conflict, violence, and warfare. Yet, a review of human evolutionary history, including the behavior of both monkeys and apes, points to a very different way of viewing human aggression, one that switches the question around to ask: how is it and how did it happen that a consideration of history requires us to conclude that humans may well be the most peaceful and altruistic of all? The question is not, why are we so aggressive? But rather, why are we so peaceful?
Human Dignity in American Law and Policy
O. Carter Snead, J.D., Professor, Law; W.P. and H.B. White Director of the Notre Dame Center for Ethics and Culture
This lecture explores the role played by the concept of “Human Dignity” in American law and public policy.

Human Rights and the Catholic Church, from Saint Francis to Pope Francis
Paolo G. Carozza, A.B., J.D., Director, Kellogg Institute for International Studies; Professor, Law; Concurrent Professor, Political Science
The idea of human rights originated in the life of the Church, and Catholic social teaching today provides one of the clearest defenses of it. But there are also deep tensions between Catholic tradition and human rights, historically and in the present day. This lecture explores that ambiguous relationship.

Immigrants, Social Investments, and Social Capital: A Mexican Immigrant Case Study
Karen E. Richman, Ph.D., Director, Migration and Border Studies, Institute for Latino Studies; Concurrent Associate Professional Specialist, Anthropology
Mexican immigrants have lower savings and pension participation than any other major demographic cohort in the U.S. This lecture presents results of an in-depth study of the social and cultural factors influencing Mexican immigrants’ economic, savings, and consumption behavior. Through its innovative combination of anthropological and economic theories and methods, the study enhances conventional theories of retirement savings and explains how underappreciated, non-economic factors affect Mexicans’ savings in general and savings for retirement in particular.

Immigration
Gilberto Cárdenas, ’72 M.A., ’77 Ph.D., Director, Notre Dame Center for Arts and Culture; Professor, Sociology; Fellow, Institute for Latino Studies; Fellow, Kellogg Institute for International Studies; Fellow, American Studies Program
This lecture addresses questions and issues pertaining to Mexican immigration, drawing on the historical foundations of immigration and the impact of government policy on contemporary flows. The presentation utilizes artistic modes of expression—art and photography—to provide insight about the social realities of migration and meaning to current discourses concerning solutions.

In Praise of Creatures
Celia Deane-Drummond, Ph.D., Professor, Theology
Ecotheology is perhaps at last becoming recognized after half a century of writing in this field. Pope Francis’s second papal encyclical covers environmental issues. This talk will look at the challenges it presents and the relationship between ecology and Catholic social teaching.

Investing in Your Marriage So It Pays High Dividends
Kevin M. Misiewicz, Ph.D., Professor Emeritus, Accountancy
It has been said that marriage was the first union to defy management. Yet marriage is meant for most people to be a core source of acceptance, affirmation, hope, and peace. Strategic management of five steps enhances that possibility.

Islam, the Catholic Church, and the Future of the World
Gabriel Said Reynolds, Ph.D., Professor, Theology
The relationship between Christianity and Islam is absolutely unique. According to Islamic belief, Jesus was a Muslim prophet like Muhammad. He was not god and he did not die on the Cross. By this view, Islam is the natural religion; it is eternal, universal, and unchanging. In this lecture, Reynolds will examine how Islam challenges Christian beliefs, reflect on how the Catholic Church has responded to these challenges through the centuries, and propose ways in which the Church might face the newest challenges of Muslim-Christian relations, including the rise of ISIS and global jihadism.
**It’s Not All Sex and Violence!**

Agustin Fuentes, Ph.D., Professor and Chair, Anthropology

Are humans naturally violent and aggressive? Are these behaviors part of our genetic heritage? What can biology and behavior tell us about peace and aggression in everyday life? This lecture answers these questions and demonstrates that cooperation and friendship are now more pervasive—and important—than you might think.

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**“It was as a rebel that he fell.” The Abuse of Power, Scapegoating and Lying in Friedrich Dürrenmatt’s Suspicion**

Vera B. Profit, Ph.D., Professor Emerita, German and Comparative Literature

As all healing depends upon the correct diagnosis, Professor Profit names the eight characteristics of individual evil in *The Devil Next Door* (2014). They are listed in the description for Wilde’s *The Picture of Dorian Gray*. This lecture elucidates the abuse of power, scapegoating and lying in Dürrenmatt’s riveting detective novel.

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**Keeping the Faith: Catholic Higher Education in the 21st Century**

Patricia A. O’Hara, ’74 J.D., Professor, Law

How can Catholic colleges and universities sustain their religious identity amidst the myriad challenges that all institutions of higher education face in the 21st century? This presentation provides an overview of the evolution of Catholic higher education in the United States, where it stands now, and where it might be headed in the future.

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**Latinos, Education, and the Church**

Luis Ricardo Fraga, Ph.D., Arthur Foundation Professor of Transformative Latino Leadership; Professor, Political Science

Latinos now comprise 35% of all Catholics in the United States but only 15% of all students enrolled in Catholic schools. Why are enrollment rates of Latino students so low? Why is more Latino student enrollment in Catholic schools important? What can be done to increase Latino enrollment in Catholic schools?

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**Law, Religion, and Politics: Understanding the Separation of Church and State**

Richard W. Garnett, J.D., Professor, Law School; Concurrent Professor, Political Science; Fellow, Institute for Educational Initiatives

In America, the freedom of religion is foundational and fundamental. Our Constitution, it is often said, calls for a “separation of church and state.” How should we understand this prescription, and what does it require of religious believers and institutions that engage in public and political life?

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**Leonardo da Vinci: Painter of Mysteries**

Charles M. Rosenberg, Ph.D., Professor Emeritus, Art History

Leonardo da Vinci was one of the greatest painters of religious subjects of all time. This lecture examines some of Leonardo’s most important religious paintings as a means of revealing the artist’s unique vision of the most profound mysteries of the Christian faith.

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**Lessons from Music and the Olympics**

Kenneth Dye, ED.D., M.B.A., Director, Bands; Professor, Music

The Olympics serve as a global stage for human achievement and culture. Inspirational pioneers in athletic competition and musical production have performed a spectacular soundtrack in their pursuit of excellence. From modest beginnings in Athens to the extravaganzas of Sydney and Beijing, Olympic ceremonies and celebrations have dazzled their audiences at the world’s largest event.
**Limitations to Teaching 2 + 2 = 4**
Nicole McNeil, Ph.D., Alliance for Catholic Education (ACE) Associate Professor, Psychology; Director, Education, Schooling, and Society Minor (ESS); Fellow, Institute for Educational Initiatives (IEI)

Algebra is widely regarded as a “gatekeeper” to future opportunities. Unfortunately, most students in the US struggle to understand algebraic concepts. In this talk, I will present evidence that students’ difficulties are due to the way arithmetic is traditionally taught, and I will offer some specific strategies for improving understanding.

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**Living in the Panopticon: The Implications of Potentially Ubiquitous Surveillance**
Patrick J. Flynn, Ph.D., Professor, Computer Science and Engineering; Concurrent Professor, Electrical Engineering

Cameras are now located everywhere: in pockets, on roadways, and both outside and inside of buildings. What customs, rules, and laws govern privacy rights and our desire for accountability in a world full of cameras? This lecture will address the capabilities of camera technologies and some implications of ubiquitous surveillance.

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**Lost Classroom, Lost Community**
Nicole S. Garnett, J.D., John P. Murphy Foundation Professor of Law

Discussion (ideally with co-author Peg Brinig) of their recent book on the effects of Catholic school closures on urban neighborhoods, Lost Classroom, Lost Community: Catholic Schools Importance in Urban America.

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**Making Better Decisions at Work**
Michael Crant, Ph.D., Professor, Management

The essence of managerial work is making decisions, yet people spend surprisingly little time thinking about the decision-making process. How do people actually make decisions? What types of factors cause leaders to make poor decisions? When can we trust our gut? Entertaining descriptions of real decisions illustrate the main points.

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**Malarial Didn’t We Eradicate That Decades Ago?**
Michael Ferdig, Ph.D., Professor, Biological Sciences

Fevers attributed to “mal”-air have forever been linked to disease and death. Herbal remedies have cured fevers for centuries, long before the malaria parasite and its amazing infection cycle was known. Why, in this era of high technology does this scourge prevail? Does modern science hold the key to eradication?

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**Managing the Foreign Exchange Risk in International Operations**
Juan M. Rivera, Ph.D., Professor Emeritus, Accounting; Fellow, Kellogg Institute for International Studies

U.S. and foreign corporations have to constantly manage the risk of doing operations denominated in foreign currencies. The use of derivative financial instruments for hedging positions in a foreign currency is a common practice of multinational corporations. In addition, U.S. companies must periodically perform the translation of foreign currency financial statements of their foreign affiliates before preparing and presenting consolidated financial statement to the SEC and to its shareholders. This presentation covers the concepts and methodology to deal with issues of transactions and translations of operations in foreign currencies.

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**Marketing and the Common Good: Essays from Notre Dame on Societal Impact**
Patrick E. Murphy, Ph.D., ’70, Professor, Marketing

This presentation draws on a recent book that builds on the Department of Marketing’s longstanding emphasis on marketing and societal issues. Contemporary topics that are addressed by marketing department faculty include childhood obesity, organ donation, firearms marketing and distribution, ethical issues associated with marketing in China, sustainability, and Catholic Social Thought and its relationship to marketing. An overview of these important social issues is examined in this lecture.
Miracles

John C. Cavadini, Ph.D., McGrath-Cavadini Director of the Institute for Church Life

Do miracles still occur? How can we understand the meaning of a miracle? What is the biblical and theological basis for a Catholic understanding of miracles? How do miracles serve in the process of the canonization of saints? This lecture takes up these topics and other related questions.

Moral and Character Education in Schools

Daniel K. Lapsley, Ph.D., Professor, Chair, Psychology

The moral formation of children—the teaching of “values”—is an important premise of education, yet the terms of reference for how this is to be done are surprisingly controversial. This lecture sorts out the issues in contemporary moral and character education.

Musical Leadership in the World of Business and Innovation

Kenneth Dye, Ed.D., M.B.A., Director, Bands; Professor, Music

An extraordinary correlation of music and leadership is evident in the experiential resumes of executives, military generals, conductors, and coaches. Exploring the inspirational attributes of Knute Rockne to Leonard Bernstein unveils a wealth of leadership inspired by music. Orchestrating harmonious teamwork generates a synergistic power of “team” that is greater than individual talent.

Music As Mystagogy: Catechizing Through the Sacred Arts

Rev. Michael S. Driscoll, Ph.D., Associate Professor, Theology

Pope Francis has inaugurated his papacy by calling all Christians to proclaim the Good News about Christ. In his exhortation Gaudium Evangelii he writes: “The joy of the gospel fills the hearts and lives of all who encounter Jesus. Those who accept his offer of salvation are set free from sin, sorrow, inner emptiness and loneliness. With Christ joy is constantly born anew.” What better way to do this than with music which speaks deeply to people’s hearts and minds?

Neoclassical Architecture in Greece: Architecture and Urbanism in an Age of Political Turmoil and Economic Austerity

Michael N. Lykoudis, M.Arch, Francis and Kathleen Rooney Dean and Professor, School of Architecture

This lecture will discuss how a new Greek national identity was created during the nineteenth and early twentieth centuries with aspirations of modernity and prosperity in a period of great economic austerity and political turmoil. The architectural unity that evolved was a profound lesson in place-making for the world as a whole but especially for Greece, a new country whose citizens had just emerged from four centuries of cohabitation with the Ottoman Empire. The result was the building of beautiful cities with an architectural and urban unity that redefine Greek culture and entry into the modern world.

Nimble Bacteria: How They Sense Their Environment to Infect and Outwit

Patricia L. Clark, Ph.D., Rev. John Cardinal O’Hara, C.S.C., Professor of Chemistry and Biochemistry

Humans harbor ten times more bacterial cells than human cells. These bacteria include those with beneficial functions as well as pathogens. This lecture will explore strategies used by bacteria—both beneficial and pathogenic—to survive in diverse and often inhospitable niches, and discuss strategies to combat antibiotic resistance.

No One Is an Island


Streit engages in an informative discussion of historic cross-disciplinary research being conducted on the stone age scourge of elephantiasis, and Notre Dame’s hands-on approach to improving quality of life. This lecture is a unique presentation and experience.
Notre Dame and the Fight Against Extreme Poverty

Rev. Robert A. Dowd, C.S.C., Ph.D., ’87, Assistant Professor, Political Science; Director, Ford Family Program in Human Development Studies and Solidarity

This lecture focuses on how Notre Dame seeks to promote human development and describes Notre Dame’s new partnerships with African universities, Congregation of Holy Cross, and other organizations in Africa. Fr. Dowd discusses how Notre Dame is seeking to make a positive, significant, and sustainable difference in the world.

Notre Dame California

Gregory P. Crawford, Ph.D., Vice President and Associate Provost; Professor, Physics

Learn about the new Notre Dame California Initiative that bridges the innovation of California with the educational and entrepreneurial strengths of Notre Dame.

Notre Dame in the Movies

Donald Crafton, Ph.D., The Joseph and Elizabeth Robbie Professor of Film, Television, and Theatre

The story—hilarious, tragic, heroic, disputed, but always inspiring—of how the University has been represented and has tried to shape its own image (successfully and otherwise) in Hollywood feature films. Clips from legendary and seldom-seen movies show how the Notre Dame of the silver screen has changed from the 1930s onward.

Notre Dame Physicists Discover the “God Particle”: Action at the Large Hadron Collider

Michael D. Hildreth, Ph.D., Professor, Physics

Notre Dame physicists are engaged in one of the most exciting scientific endeavors of our time: exploration of the highest energy particle collisions at the Large Hadron Collider. This talk includes a discussion of Notre Dame’s role in the recent discovery of the Higgs Boson and its implications for the future of science.

Notre Dame v. Obamacare: Our Lady’s University’s Fight for Religious Freedom

Vincent Phillip Muñoz, Ph.D., Tocqueville Associate Professor of Political Science; Concurrent Associate Professor, Law

Why did Notre Dame sue the Obama administration over the HHS contraception mandate? And what does the future hold for religious liberty? This lecture, which is meant for a general audience, explains the legal and political dimensions of Notre Dame’s lawsuit as well as the history of the Supreme Court’s protection of religious free exercise.

Notre Dame’s Catholic Witness: On Campus and in the Public Square

O. Carter Snead, J.D., Professor, Law; W.P. and H.B. White Director of the Notre Dame Center for Ethics and Culture

This lecture explores the ways in which Notre Dame offers a countercultural witness—on campus and in the public square—as the nation’s most important Catholic research university.

Notre Dame’s First Faculty-in-Residence

Edward F. Hums, M.B.A., ’75, Teaching Professor, Accountancy

This lecture will review the journey Ed Hums and his wife, Shirley, undertook in becoming Notre Dame’s first faculty-in-residence. Leaving your home and moving onto campus in your sixties is a challenge in itself. But waking up every morning with 190 “nieces” is an unbelievable and joyful experience.
Observations Following the Sumatra Tsunami in Sri Lanka
Harindra Joseph Fernando, Ph.D., Wayne & Diana Murdy Endowed Professor in Engineering & Geological Sciences; Concurrent Professor, Aerospace and Mechanical Engineering
The author participated in a scientific review mission to assess the damage and obtain wave and inundation data immediately following the Sumatra Tsunami. A second visit was also made with a BBC-Horizon filming team. Laboratory experiments also were conducted to identify some of the processes pertinent to non-linear wave effects on beaches. This presentation deals with the observations made on a personal basis as well as a team.

Outrageous Energy Prices
Thomas A. Gresik, Ph.D., Professor, Economics; Fellow, Kellogg Institute for International Studies
Americans have witnessed tremendous swings in energy prices over the last few years. How do current U.S. policies and international events contribute to these volatile prices? Is Congress pursuing policies that will promote stable and affordable energy prices, while also promoting environmental protection and energy security? This lecture explores the many sources of our current energy situation and discusses the likely impact of current initiatives and policy proposals.

Parental Choice: An Issue of Social Justice
Patricia A. O’Hara, ’74 J.D., Professor, Law
Catholic primary and secondary schools face daunting challenges. The stakes could not be higher for sustaining a transformative system of education. Can a case be made as a matter of social justice for tax credits and vouchers for parents who choose Catholic schools for their children?

Pasteur’s Quadrant: From the Lab Bench to the Patient or Patient’s Bedside
Gregory P. Crawford, Ph.D., Vice President and Associate Provost; Professor, Physics
Crawford explains the contemporary university and gives specific examples of how Notre Dame takes research from the lab and translates it tools such as non-invasive diagnostics, bedside tests, and rare disease solutions.

Play Like a Champion Today: Putting Fun and Virtue First in Youth Sports
F. Clark Power, Ed.D., Professor, Program of Liberal Studies; Director, Play Like A Champion™; Concurrent Professor, Psychology; Fellow, Institute for Educational Initiatives
Youth sports are in trouble as sports related injuries mount, incivility on the sidelines has become commonplace, and 70% of children drop out of sports at age 13. Power shows how Notre Dame’s Play Like a Champion Today is helping sports leaders to chart a new course for youth sports in the United States.
Powering the Planet in a Carbon Constrained World

Edward J. Maginn, Ph.D., Dorini Family Professor and Department Chair, Chemical and Biomolecular Engineering

One key to lifting people out of poverty and for solving some of the world’s most vexing problems is access to plentiful, inexpensive energy. This lecture addresses how we use energy and what technologies are being developed at Notre Dame and elsewhere to do so in a responsible manner.

Preventing Coastal “Dead Zones” from a Distance

Jennifer L. Tank, Ph.D., Ludmilla F., Stephen J., & Robert T. Galla Professor of Biological Sciences

Excess fertilizer nutrients from Midwestern farms enter waterways and contaminate drinking water, reduce biodiversity, and fuel algal blooms in the Gulf of Mexico and Great Lakes. My research explores new conservation strategies to reduce excess agricultural nutrients headed for sensitive coastal systems, helping to prevent dead zones from a distance.

Princess Culture

Susan C. Ohmer, Ph.D., Associate Professor, Film, Television, and Theatre; The William T. Carey and the Helen Kuhn Carey Chair in Modern Communications

The Disney studio has created animated cartoons featuring princesses since the debut of Snow White in 1937, but in recent years princess culture has become a global economic force. This talk examines the history and significance of princess culture and what it reveals about changing women’s roles.

Private Property and Public Use: The Debate Over Eminent Domain

Daniel Kelly, J.D., ’02, Professor, Law

Private property is central to the American experiment. But property is subject to the government’s power of eminent domain. Recently, cities and states have invoked eminent domain not only for roads and schools—traditional “public uses”—but also for private economic development. Are these takings justifiable?
Recent Catholic Social Thought: A Remarkable Turn

Rev. Oliver F. Williams, C.S.C., Ph.D., ’61, ’69 M.A., Associate Professor, Management; Fellow, Joan B. Kroc Institute for International Peace Studies; Director, Center for Ethics and Religious Values in Business

Catholic social teaching took a remarkable turn with the May 1991 document on economic ethics, Centesimus Annus. During their 100-year history, church documents were notable for their courageous championing of the rights of the least advantaged; they were much less distinguished for their understanding of how markets and incentives function in capitalism. With this 1991 document, however, there is a growing conviction that the church has come of age in economic ethics. The 2012 document from the Pontifical Council of Justice and Peace, The Vocation of the Business Leader, is an excellent resource for business people. The lecture outlines the highlights of the documents, its points of continuity with the tradition, and the prospects for developing a spirituality for business life.

Recipe for a Universe: Physics at the Energy Frontier

Randal C. Ruchti, Ph.D., Professor, Physics

Particle physicists are studying the fundamental particles and interactions on which the universe is built. The presentation focuses on a large experimental project located in Europe that hopes to advance our state of knowledge dramatically in the current decade. A hand-held particle detector, pioneered at Notre Dame, is brought to the lecture that shows visually three of the fundamental elements of matter: electrons, photons, and muons.

Reconstructing Ancient Corinth

Robin F. Rhodes, Ph.D., Associate Professor, Art, Art History, Design; Concurrent Associate Professor, Classics

This lecture introduces the audience to the significance of Corinth as an architectural and cultural center as significant to the ancient world as Athens, and presents the goals, methods, and accomplishments of the Corinth Architecture Project, directed by Professor Rhodes and supported by the National Endowment for the Humanities, the Kress Foundation, and Notre Dame.

Religion and Intellectuals

Mark W. Roche, Ph.D., Rev. Edmund P. Joyce, C.S.C., Professor of German Language and Literature; Concurrent Professor, Philosophy

Why do so many educated persons lose their faith? What arguments seem to speak against religion, and how are these arguments to be weighed? The presentation considers these issues along with the questions: What paths to religion exist for the educated person? And which seem to be the most promising?

Religion at the Epicenter: Facts and Fables

Karen E. Richman, Ph.D., Director, Migration and Border Studies, Institute for Latino Studies; Concurrent Associate Professional Specialist, Anthropology

The earthquake that struck Haiti on January 12, 2010, took a devastating toll on property, resources, and human life. An estimated 230,000 people died, 300,000 were injured and 1,000,000 made homeless. The impacts of the earthquake on religious faith and practice are less clear. The lack of data on the religious implications of the earthquake, however, has not hampered the production of speculative claims about the role of Vodou in Haitians’ experience of the catastrophe. This lecture explores how Haitians’ religious beliefs have influenced their perceptions of the earthquake. The discussion will also consider whether and to what extent the earthquake has affected their religious beliefs and practices.
Religious Freedom in Indiana
John C. Nagle, J.D., Professor; The John N. Matthews Chair in Law
Indiana gained national attention during the spring of 2015 when the state enacted a religious freedom law and then quickly amended that law amidst a national outcry. Yet much of the attention neglected the ways in which religious values, and providing religious freedom, contribute to the public good. That is true in areas where many do not expect it, such as environmental law, as well as in the more controversial issues associated with the cultural wars.

Restoring Vision with New Genetic Technologies
Joseph E. O’Tousa, Ph.D., Professor, Biological Sciences
Many diseases of the visual system have a genetic basis. Fortunately, there have been significant advances in the understanding of these diseases. This knowledge is now being used to create new genetic technologies that promise novel therapies to combat vision loss.

Risk-Taking in Adolescence
Daniel K. Lapsley, Ph.D., Professor and Chair, Psychology
This lecture examines risk behavior in adolescence and several possible explanations for it, including recent evidence that poor judgment in adolescence is linked to normative brain maturation. This lecture concludes with some ideas about how one context “the school” might play a role in moderating problem behaviors in adolescents.

Run From the Earthquake, Fall into the Abyss: A Léogane Paradox
Karen E. Richman, Ph.D., Director, Migration and Border Studies, Institute for Latino Studies; Concurrent Associate Professional Specialist, Anthropology
Koridò, (Corridor), is a hamlet in the rural community of Ti Rivyè, Léogane, Haiti and the anchor of a transnational community. The home base of Koridò lies closer to the epicenter of the earthquake on January 12, 2010, than the capital city, Port-au-Prince, to the east and the town of Léogane to the west. Whereas losses in the capital and the town were catastrophic, the people of Koridò survived the cataclysm almost unscathed. This lecture explains how the everyday practices of the people of Koridò got them out of the way of the earthquake and why, despite both their survival of the cataclysm and their intimate and intricate ties to migrants “outside,” they are nonetheless standing precariously at the edge of the abyss.

Russia after Communism: Friend or Foe? Democratic or Authoritarian? European or “Eurasian”?
Alexander Martin, Ph.D., Professor, History
From the 1980s until today, Russians have faced historic choices about their place in the world and who they are as a state and a people. Drawing on three decades of research and travel in Russia, this presentation will examine aspects of Russia’s momentous transformation from Gorbachev to Putin.

Save Our Schools, Save Our Country, and Save Your Family
Brian S. Collier, Ph.D., Graduate Faculty, Alliance for Catholic Education (ACE); Fellow, Institute for Educational Initiatives; Affiliate Faculty, Poverty Studies, American Studies, and Education, Schooling and Society
Families are not beholden to schools, but schools should be beholden to families. This engaging, humorous history-based lecture promises to cause everyone to go home with ideas about how to change their own family structure to ensure their kids are getting the education they need to help re-shape America.
Science vs. Religion: The Compatibility and Complementary Flourishing of Catholicism and the Natural Sciences

Brad S. Gregory, Ph.D., Professor, History; Director, Institute for Advanced Study; Fellow, Nanovic Institute for European Studies

Angry disputes between anti-evolutionary creationists and neo-Darwinian atheists persist, but this lecture shows how Catholicism avoids the pitfalls of both by exploring Catholic teaching about God and creation in relationship to the natural sciences’ investigation of the natural world.

Serving the Least, the Last, the Lost, and the Lonely I

Rev. David T. Link, LL.D., D.Lit., D.Sc., D.H.L., ’58, ’61 J.D., Joseph A. Matson Dean Emeritus and Professor of the Law School, President Emeritus of the University of Notre Dame Australia

This lecture discusses the rights and needs of incarcerated men and women.

Serving the Least, the Last, the Lost, and the Lonely II

Rev. David T. Link, LL.D., D.Lit., D.Sc., D.H.L., ’58, ’61 J.D., Joseph A. Matson Dean Emeritus and Professor of the Law School, President Emeritus of the University of Notre Dame Australia

This lecture discusses the rights and needs of people who are homeless and of incarcerated men and women.

Small Differences in the Structure of Children’s Input Can “Add Up”

Nicole McNeil, Ph.D., Alliance for Catholic Education (ACE), Associate Professor of Psychology; Education, Schooling, and Society Minor (ESS); Fellow, Institute for Educational Initiatives (IEI)

It is obvious that large-scale differences in children’s environments (e.g., differences in SES) affect mathematics achievement, but what about small-scale differences? In this talk, McNeil will present evidence that even minor differences in the structure of input can snowball to yield important differences in children’s understanding of fundamental math concepts.

Social Ventures: Putting Undergraduates at the Frontier of Scientific Discovery in Rare and Neglected Diseases

Kasturi Haldar, Ph.D., Julius A. Nieuwland, C.S.C., Professor of Biological Sciences; Director, Center for Rare and Neglected Diseases (CRND)

Disease pathways define the natural histories of symptoms, a process that is critical to discovering diagnostics and treatments. Dr. Haldar’s presentation and CRND’s service projects place undergraduates at the frontier of scientific discovery as they define clinical histories, create disease libraries, and map markers to clinical scales.

Spires, Domes, and Dormitories: the Architecture of the Catholic Campus

Duncan G. Stroik, M.Arch., Professor, Architecture

What can we learn from the great campus designs of Europe and the United States, and how can the architecture of a campus contribute to its mission as a Catholic university?

Spirituality

Sister Kathleen Cannon, O.P., Associate Dean, College of Science; Concurrent Associate Professor, Theology

Using Sandra Schneider’s understanding of spirituality as a life project and practice, this presentation will further explore the meaning of the word and suggest how spirituality differs from religion. It will review some theories and movements of Christian spirituality, and suggest some stable foundations of spirituality for our own time.

Sports and the Common Good

Edmund P. Edmonds, J.D., ’73, Associate Dean, Director, Kresge Law Library

Sports has an enormous potential for advancing the common good. This lecture explores aspects of sports supporting human flourishing including inclusion and team dimensions, positive role models, the ability of sports to promote peace and positive governmental objectives, and justice and ethics.
Stone Age People in a Space Age World: Changing Concepts of Health and Illness
James J. McKenna, Ph.D., Professor, Anthropology; Director, Mother-Baby Behavioral Sleep Laboratory
This lecture is based on McKenna’s edited book *Evolutionary Medicine*, that explores how new ways of conceptualizing, defining, preventing, and potentially curing human illnesses and degenerative diseases are shown to be emerging from an unlikely source—models of human evolutionary biology. This lecture furthers the understanding of natural selection and shows that evolution is alive and well in the new millennium, and ready to emerge in our physicians’ offices. It also discusses medical research and patterns of healing.

Support for Basic Research: A Perspective
Randal C. Ruchti, Ph.D., Professor, Physics
Basic research funded by the National Science Foundation must satisfy two merit criteria: intellectual merit and the broader impact. Synergies across these two elements can afford strong benefits to the research community and society in a variety of important ways, including innovations in technology, education, and connectivity.

Sustainable Development: The UN Global Compact—The Millennium Development Goals and the Common Good
Rev. Oliver F. Williams, C.S.C., Ph.D., ’61, ’69 M.A., Associate Professor, Management; Fellow, Joan B. Kroc Institute for International Peace Studies; Director, Center for Ethics and Religious Values in Business
“Sustainability” is often a synonym for corporate social responsibility (CSR) and corporate citizenship. Organizations must find out what sustainability means for them and how to implement it. In light of globalization and world trade, many business leaders, academics, and stakeholders see that business should take a greater role in solving problems of the wider society. For business to flourish, society must flourish. The United Nations Global Compact is one important initiative on the part of businesses to promote and enhance the common good.

Tax Dollars for Foreign Aid: $$ Going Down a Rat’s Hole?
Given the experience of living for much of 20 years in the developing world (for biomedical research), Fr. Streit offers a realistic perspective of both pitfalls and benefits to development work, and to what degree the U.S. should be engaged. This talk often provokes a lively discussion among attendees.

The Adoption of IFRS by Public Corporations in the World
Juan M. Rivera, Ph.D., Professor Emeritus, Accounting; Fellow, Kellogg Institute for International Studies
Companies from EU countries require corporations to comply with International Financial Reporting Standards (IFRS). In the U.S., the SEC prescribes accounting principles issued by the Financial Accounting Standards Board (FASB). Managers should be prepared to understand the impact of these two accounting reporting models on the financial statements of U.S. and foreign firms.

The Amazing Dead Sea Scrolls: What They Are and What They Mean
James C. VanderKam, Ph.D., John A. O’Brien Chair and Professor of Theology (Old Testament)
The Dead Sea Scrolls were the greatest archeological discovery of the 20th century. They provide a first-hand look at a Jewish group that existed at the time of Jesus, and in some ways resembled early Christians in beliefs and practices. The contents of these scrolls, their importance for biblical studies, and the headline controversies they have generated, are the subjects of this sight-sound presentation.
The American Constitutional Tradition: Historic Strengths and Current Challenges

Walter J. Niegorski, Ph.D., Professor Emeritus, Program of Liberal Studies; Concurrent Professor, Political Science

Noting the Constitution’s remarkable endurance, rare amendment, and often helpful flexibility, this lecture explores five challenges to the present American political order—the apparent erosion of its moral foundations, the tension between liberty and security in the age of terrorism, the threat to religious liberty, the shadow of globalization on the question of the right size or scale for political community, and the economic “crisis” of our time.

The Birth of Modern Family Law

Barry Cushman, Ph.D., John P. Murphy Foundation Professor of Law

This lecture surveys the dramatic changes in the laws of divorce, child custody, adoption, the inheritance rights of children, and the property rights of married women that occurred during the 19th century. Racial and other restrictions on marriage, compulsory eugenic sterilization, and the federal campaign against polygamy are also considered.

The American Revolution in Three Paintings

Patrick N. Griffin, Ph.D., ’87, Madden-Hennebry Professor and Chair of History

This lecture will explore the origins, progress, and end of the American Revolution by examining three iconic paintings.

The Bible and the Africana Experience

Rev. Hugh R. Page Jr., Ph.D., Vice President, Associate Provost, Undergraduate Affairs; Dean, First Year Studies; Associate Professor, Theology and Africana Studies

This lecture explores the ways in which the Bible is read in Africa and the African Diaspora.

The Bible and the Qur’an

Gabriel Said Reynolds, Ph.D., Professor, Theology

To Muslims the Qur’an is the uncreated, eternal Word of God. As Jesus Christ is to Christians, the Qur’an to Muslims is the fullest expression of God’s concern for humanity. It is the source of spiritual wisdom and the constitution for a perfect society. It is the only faithfully preserved scripture. To critical scholars, however, things are more complicated. Today the discovery of ancient manuscripts and the rise of cutting edge research challenge traditional Islamic views about the Qur’an. This lecture will discuss the latest academic debates about the Qur’an and focus on the question of its relationship to the Bible.

The Changing American Voter in 2016 and Beyond

Luis Ricardo Fraga, Ph.D., Arthur Foundation Professor of Transformative Latino Leadership; Professor, Political Science

There is much discussion about the way that demographic changes related to an aging population, increased ethnic and racial diversity, and growing income disparities affect American politics. Which of these trends are likely to make a difference in the 2016 Presidential election? How do they affect Republican and Democratic Parties? What are the implications of these demographic changes for the future of American politics?

The Church

John C. Cavolini, Ph.D., McGrath-Cavadini Director of the Institute for Church Life

Recent scandals in the Church have prompted many to have a renewed interest in the theology of the Church. What is an authentic Catholic theology of the Church? This lecture examines the Catholic Church’s understanding of the theology of the Church in light of questions occasioned by the recent scandals.
The Corner of Notre Dame Avenue and Main Street: Community-Engaged Scholarship at Notre Dame

James M. Frabutt, Ph.D., ’95, Mary Ann Remick Leadership Program Faculty, Alliance for Catholic Education (ACE); Director, Academic Community Engagement, Office of the Provost

There is great movement toward harnessing the potential of university scholarship for benefiting the common good. In fact, many universities prize such community-based efforts, embracing the moniker of engaged institutions. This presentation highlights faculty and staff efforts to contribute to community change and student learning at the local, national, and international levels.

The Costs and Benefits of Reducing Carbon Emissions

Richard A. Jensen, Ph.D., Gilbert F. Schaefer Professor of Economics

Many studies have estimated the costs of reducing carbon emissions. This lecture explains the reasons for these widely varying estimates, converts them into reductions of income per person, and estimates the anticipated benefits of reduced emissions.

The Current State of Intercollegiate Athletics

Edmund P. Edmonds, J.D., ’73, Associate Dean, Director, Kresge Law Library

Intercollegiate football is facing a number of challenges including Northwestern’s unionization efforts, concussion litigation, pay-for-play issues, and reorganization involving the top football playing program. This lecture will address these issues and the overall state of intercollegiate athletics.

The Dead Sea Scrolls and the Bible

James C. VanderKam, Ph.D., John A. O’Brien Chair and Professor of Theology (Old Testament)

The illustrated lecture introduces the Dead Sea Scrolls—what they are, when they were found—and summarizes what they say. They contribute not only to our knowledge of the times and concerns of the writers but also much to our understanding of the Old and New Testaments.

The Digital University

Susan C. Ohmer, Ph.D., Associate Professor, Film, Television, and Theatre; the William T. Carey and the Helen Kuhn Carey Chair in Modern Communications

From MOOCs to video portals to digital repositories, digital technologies are transforming universities. This interactive talk explores how these dynamic technologies are creating new opportunities for teaching and research at Notre Dame.

The Eucharist As the Embodiment of Love

Rev. Michael S. Driscoll, Ph.D., Associate Professor, Theology

In the past fifteen years, the Eucharist has been a prominent theme. Pope Francis in his exhortation Gaudium Evangelii writes: “God’s word, listened to and celebrated, above all in the Eucharist, nourishes and inwardly strengthens Christians, enabling them to offer an authentic witness to the Gospel in daily life.” This lecture attempts to find the connection between cult, creed, and code, to the extent that how we pray shapes what we believe and how we act as Christians living in the world.

The Federalist Papers: A Unique and American Great Book

Walter J. Nicgorski, Ph.D., Professor Emeritus, Program of Liberal Studies; Concurrent Professor, Political Science

This lecture explores the origin and nature of the influential collection, The Federalist Papers, a text that has often functioned as a commentary on the Constitution. The lecture samples the book’s rich insights into political life and human nature, and traces its role in good and bad times from the creation of the power of judicial review to the Nixon resignation and the Clinton impeachment.
The Fighting Irish: 19th-Century Immigrant Life in the Midwest
Deborah L. Rotman, Ph.D., Director, Center for Undergraduate Scholarly Engagement (CUSE)

Nineteenth-century Irish immigrants formed ethnic and religious enclaves in places like South Bend, Indiana and Beaver Island, Michigan. Archaeological and historical evidence elucidates the ways in which Irish-Catholic families negotiated the complex cultural landscapes of their new cities, strategically embracing some aspects of the local culture while eschewing others as they created new lives for themselves in the Midwest.

The Future of Jerusalem: Peace or Apocalypse?
Atalia Omer, Ph.D., Associate Professor, Religion, Conflict, and Peace Studies

Jerusalem is a holy city for many religions. It is believed to represent heavenly eternal peace but is also the source of earthly and historical violence. What are the historical, theological, political, and social sources of this contested legacy? What are the prospects of building peace with justice in such a volatile context?

The Foreign Corrupt Practices Act (FCPA)
Juan M. Rivera, Ph.D., Professor Emeritus, Accounting; Fellow, Kellogg Institute for International Studies

The Foreign Corrupt Practices Act (FCPA) prohibits corporations from bribing foreign officials to secure businesses in foreign countries. The SEC and the U.S. Department of Justice enforce compliance with this law and impose severe penalties for violations committed by corporations and individuals who represent them or act on their behalf.

The Global Freshwater Crisis—Challenges and Solutions
Gary A. Lamberti, Ph.D., Professor, Biological Sciences

Fresh water is arguably the planet’s most imperiled resource, with more than one billion people lacking access to clean water. Clean water is arguably the “new oil”. How will the environment and human populations deal with this fresh water crisis, and what are possible solutions to ensuring a plentiful supply of clean fresh water for future generations?

The Francis Effect and Mercy
Rev. Michael S. Driscoll, Ph.D., Associate Professor, Theology

In March 2015, Pope Francis announced a Holy Year focusing on mercy to begin on December 8 (Immaculate Conception – the mother of mercy) and extending to November 20, 2016, the feast of Christ the King of the Universe and living face of the Father’s mercy. Indebted to the theological writings of Cardinal Walter Kasper, this lecture will examine the message of mercy, with particular attention to the Bishops’ Synod on the Family.

The Great War and the Forgotten Realm
John Deak, Ph.D., Assistant Professor, History; Fellow, Nonovic Institute for European Studies

Have you ever been confused about the start of the First World War? All those entangling alliances and some strange Austrian archduke getting killed in Sarajevo? This lecture will begin to sort things out for you as we delve into the start of the First World War.
The HHS Contraceptive Mandate and Religious Liberty
O. Carter Snead, J.D., Professor, Law; W.P. and H.B. White Director of the Notre Dame Center for Ethics and Culture
This lecture examines the recent controversies surrounding the federal mandate that employer health plans entitle plan members to all FDA approved contraceptives (including those that may cause early abortions) without cost sharing, regardless of the religious or moral objections of employers.

The Higgs Boson: Have We Finally Discovered the “God Particle”? 
Mitchell R. Wayne, Ph.D., Chair, Department of Physics
In July 2012, physicists in Geneva, Switzerland announced the discovery of a new elementary particle—the Higgs boson, commonly referred to in the press as the “God Particle.” This talk reviews the history of particle physics, how this discovery was made, and why it is so significant.

The Humanity of Animals and the Animality of Humans 
Agustin Fuentes, Ph.D., Professor and Chair, Anthropology
We live with, eat, and write about animals, and even create animals in the laboratory. This lecture focuses on the dynamic and fascinating interactions we have with other animals and how they play roles in our lives and histories, with a special focus on humans and their relationships with primates and dogs.

The Impact of the Dead Sea Scrolls on Our Bible
Eugene C. Ulrich, Ph.D., Professor Emeritus, John A. O’Brien Chair, Hebrew Scripture, Theology
The 230+ Hebrew and Greek biblical scrolls are 1,000 years older than other manuscripts. They illuminate a previously undocumented period in the history of the Bible, showing a developmental process of composition and raising questions about revelation and inspiration. Their superior readings have improved recent translations of the Bible.

The Incredible Saga of Pacific Salmon
Gary A. Lamberti, Ph.D., Professor, Biological Sciences
Pacific salmon are among the most remarkable organisms on earth. In their spawning migration, Pacific salmon must negotiate a gauntlet of lethal predators, physical forces, and environmental degradation only to die after spawning. The mysteries of their return to their birthplace and evolutionary reasons for their death will be explored in this lecture.

The Interesting Geometry of the Sydney Opera
Alexander J. Hahn, ’68 M.S., ’70 Ph.D., Professor, Mathematics; Director, Honors Program, College of Science
In 1957 the young Danish architect, J. Utzon, won a design competition for an opera and concert hall complex to be built on a dramatic piece of land that juts out into Sydney Harbor. His design was viewed as potentially becoming one of the great buildings of the world. The realization of his vision would take 16 years and involve basic geometry in interesting and critical ways. The talk will tell the story in pictures.

The Lab for Economic Opportunities (LEO): Where Academics Join Service Providers in the Fight Against Poverty
William N. Evans, Ph.D., Professor, Economics and Econometrics or James X. Sullivan, Ph.D. ’93, Associate Professor, Economics
Established in 2012, LEO is a collaborative research center where social service providers and academic researchers work together to design, implement, and evaluate domestic anti-poverty programs. The Lab’s primary partner is Catholic Charities, the largest private provider of services to the poor in the U.S. The goal of this partnership is to apply rigorous research methods to build scalable programs and policies that help permanently lift people out of poverty. The Lab also provides an opportunity for Notre Dame undergraduates to be involved in anti-poverty research under the direction of leading poverty scholars.
The Law, Ethics, and Policy of Abortion
O. Carter Snead, J.D., Professor, Law; W.P. and H.B. White Director of the Notre Dame Center for Ethics and Culture
This lecture explores the many and varied aspects of abortion, including its ethical, legal, and scientific dimensions.

The Law, Ethics, and Policy of Assisted Suicide, Euthanasia, and End of Life Decision Making
O. Carter Snead, J.D., Professor, Law; W.P. and H.B. White Director of the Notre Dame Center for Ethics and Culture
This lecture explores the many and varied aspects of assisted suicide, euthanasia, and end of life decision making, including its ethical, legal, and medical dimensions.

The Law, Ethics, and Policy of Stem Cell Research and Human Cloning
O. Carter Snead, J.D., Professor, Law; W.P. and H.B. White Director of the Notre Dame Center for Ethics and Culture
This lecture explores the many and varied aspects of human cloning and stem cell research, including its ethical, legal, and scientific dimensions.

The Lost Art of Dress
Linda Przybyszewski, Ph.D., Associate Professor, History; Concurrent Professor, Law
Before the 1960s, millions of American girls learned how to dress from the Dress Doctors, women who taught that dress was an art and sewing a science. The young Baby Boomers flung all their rules away, but we can still recover the lost art of dress.

The Morality of the Liberal Arts
Walter J. Niegorski, Ph.D., Professor Emeritus, Program of Liberal Studies; Concurrent Professor, Political Science
This lecture addresses the following question: does the exercise of the critical faculties and the broadening experience of a liberal education contribute to or undermine good character and good citizenship? In addressing this question, this lecture clarifies the differences between general learning, technical expertise, the liberal arts, and the humanities.

The National Football League’s Legal Challenges
Edmund P. Edmonds, J.D., ’73, Associate Dean, Director, Kresge Law Library
The National Football League currently faces numerous legal challenges involving concussions, broadcasting and media rights, and retired player publicity rights. The lecture will analyze these issues and the current legal climate in professional football.

The Origins of Monumental Architecture in Greece
Robin F. Rhodes, Ph.D., Associate Professor, Art, Art History, Design; Concurrent Associate Professor, Classics
The original purpose of the Doric order was to inspire an appropriate state of mind for approaching the boundary between human and divine. This lecture attempts to understand all elements of the early Doric order as components of a complex program of religious inspiration and transformation.

The Perils and Promise of Adolescence
Daniel K. Lapsley, Ph.D., Professor and Chair, Psychology
Parents often expect the adolescence of their children to be fraught with “storm and stress.” Yet there are many misconceptions about normal and abnormal adolescent development. This lecture addresses the sources of risk and resilience for teens and their parents as they navigate the second decade of life.
The Reformation Era and the Makings of Modernity
Brad S. Gregory, Ph.D., Professor, History; Director, Institute for Advanced Study; Fellow, Nanovic Institute for European Studies
This lecture discusses ways in which the conflicts of the Reformation era prompted unintended historical developments that created the modern Western world, and without which we cannot understand contemporary problems such as the presumed conflict between science and religion, unending moral disagreements, global climate change, and the secularization of knowledge.

The Religious Prints of Rembrandt: The Childhood of Christ
Charles M. Rosenberg, Ph.D., Professor Emeritus, Art History
Rembrandt produced about eighty etchings dedicated to biblical and devotional themes. Focusing on examples from the Snite Museum’s Feddersen Collection of Rembrandt prints, this lecture explores the manner in which those prints dedicated to the childhood of Christ reveal the artist’s insights into the nature of family and the importance of humility and faith.

The Right Questions About School Choice: Education, Religious Freedom, and the Common Good
Richard W. Garnett, J.D., Professor, Law School; Concurrent Professor, Political Science; Fellow, Institute for Educational Initiatives
Many education reformers contend that parents deserve a meaningful opportunity to choose the best school for their children. What is the state of the school-choice debate in the courts, in our legislatures, and in the public square? What questions and concerns should shape our thinking about education funding and policy?

The Role of Entrepreneurship in Academia—Pursuit of Opportunity
Gregory P. Crawford, Ph.D., Vice President and Associate Provost; Professor, Physics
Entrepreneurship plays a prominent role in training students to think creatively and in assisting faculty in the translation of their research to solve problems for society. Crawford will speak regarding the role of entrepreneurship at Notre Dame.

The Role of Science in Making Law and Policy: The Case of Public Bioethics
O. Carter Snead, J.D., Professor, Law; W.P. and H.B. White Director of the Notre Dame Center for Ethics and Culture
This lecture explores the appropriate role and limits of science for making law and public policy in the context of public bioethics (e.g., stem cell research, cloning, end of life decision making).

The Role of Sports in American Culture
Anne G. Coleman, Ph.D., Associate Professor, American Studies
Sports reflect America’s dominant values but also highlight our divisions. They function at once as expressions of art, identity, and labor. From early 20th century leisure practices to the NFL’s concussion crisis, when and how have sports become a site of struggle? What can we learn from them?

The Sistine Chapel: History and Meaning
Charles M. Rosenberg, Ph.D., Professor Emeritus, Art History
The Sistine Chapel is one of the most famous masterpieces of the Renaissance. This lecture considers a number of issues relating to the frescoes which cover the walls and vaults of this sacred space, including their meaning and their relationship to the chapel’s functions in both the past and the present.
The Society That Mistook Its Children for Bats
James J. McKenna, Ph.D., Professor, Anthropology; Director, Mother-Baby Behavioral Sleep Laboratory
This lecture reviews western child care practices from the standpoint of human infant biology, western cultural history, cross-cultural (anthropological) data, and the evolution of human infant vulnerabilities. Infants sleeping alone in cribs with minimal, if any, nighttime feedings and contact, reveal that these practices closely resemble the caretaking patterns of many bat species, but not primate species. McKenna examines who human infants are, what they need for healthy development, and how these social ideologies became entwined with—and mistaken for—vulnerabilities.

The Specialized Visual System of Mosquitoes
Joseph E. O’Tousa, Ph.D., Professor, Biological Sciences
My research on insect visual systems includes the study of the mosquitoes responsible for malaria and other major threats to global health. Mosquitoes possess a highly specialized visual system that enables efficient host-seeking and other behaviors. I discuss these capabilities within the context of how all visual systems function.

The Supreme Court: Current Controversies
Amy Barrett, J.D., ’97, Professor, Law
What are the most important cases that the Supreme Court has decided recently? This lecture addresses both recent blockbusters and significant cases that are currently pending.

The Taxing Task of Taxing Transnationals
Thomas A. Gresik, Ph.D., Professor, Economics; Fellow, Kellogg Institute for International Studies
According to highly publicized media accounts, transnational firms are very adept at not paying taxes on their corporate profits. Does such behavior undermine or benefit national economies? What role do tax haven countries play in the world economy, and do they serve criminal interests more than legitimate business interests? This lecture discusses the good, the bad, and the ugly of transnational business.

The Traditions and Developments of the American Marching Band
Kenneth Dye, Ed.D., M.B.A., Director, Bands; Professor, Music
Starting with Military Band, the American marching bands attained global admiration. Inspired by the growth of football, the Olympics, American instrument ingenuity, and even Walt Disney, bands have brought great joy, pride, and inspiration to its students and fans. We will relive these musical moments in sights and sounds.

The U.S. Constitution: A Workable Document or Relic of the Past?
Donald P. Kommers, Ph.D., Professor Emeritus, Political Science
Is the U.S. Constitution an outdated document? Can an 18th century constitution still function adequately in the 21st century? Are we in need of a new constitution? Some commentators have begun to suggest that the American constitution is a broken document and needs to be changed if our democracy is to survive in the 21st century. In addressing the validity or propriety of this criticism, this lecture reassesses the U.S. Constitution in the light of the democracy that America has become since the American founding in 1787.

The Unholy Trinity: Vector, Parasite, Host
Mary Ann McDowell, Ph.D., Associate Professor, Biological Sciences
Insect-borne diseases, like malaria and leishmaniasis, continue to scourge the world. Successful control strategies to combat these devastating diseases will undoubtedly be multifactorial, combining attacks on human infections and targeting diverse aspects of pathogen biology.

Theodore Roosevelt and the Modern American Presidency
Peri Arnold, Ph.D., Professor, Political Science
Theodore Roosevelt served amidst great social and economic challenges. We shall examine how he broke the constraints of traditional presidential leadership to confront new challenges, foreshadowing later activist presidents. We will also discuss Roosevelt’s break with his successor, William Howard Taft, and his attempt to regain the presidency in 1912.
Theology, Evolution, and Anthropology in Conversation

Celia Deane-Drummond, Ph.D., Professor, Theology
What might anthropology have to say to theological accounts of the human? This talk will discuss the way divine image bearing needs to take into account evolutionary anthropology, and vice versa. That is, anthropological research into human origins might have something to learn from theology as well.

“They say he has sold himself to the devil for a pretty face.” Narcissism in Oscar Wilde’s The Picture of Dorian Gray

Vera B. Profit, Ph.D., Professor Emerita, German and Comparative Literature
In The Devil Next Door, Professor Profit names the eight characteristics of individual evil: victimization of body and/or spirit, failure to recognize the separateness of others, their depersonalization, unmitigated narcissism, the unsubordinated use of power, scapegoating, lying, and the total inability to heed legitimate criticism. As it constitutes the root of all these facets, this presentation focuses on narcissism.

This Is Not Your Father’s Classroom: Adapting Teaching Methods to the Ever-Changing World

Malgorzata Dobrowolska-Furdyna, Ph.D., Professor, Physics
Due to rapid advances in technology, children from a young age are computer literate and at ease with new technological tools and media. Therefore, it is imperative for the teacher to adjust to this new type of student. This lecture discusses how technology can be harnessed to achieve this goal.

To Heal or Not to Heal: Acceleration of Diabetic Wound Repair

Mayland Chang, Ph.D., Research Professor, Department of Chemistry and Biochemistry; Director, Chemistry-Biochemistry-Biology Interface Program
Diabetes results in many complications, which include the inability to heal wounds, resulting in 66,000 annual amputations. There are no therapeutics for treatment of diabetic wounds. Our research to understand why the diabetic wound is refractory to healing has the potential of the first drug for treatment of diabetic wounds.

Transcending Suffering: Spirituality and Maintaining Compassion in the Encounter with Human Pain

Dominic O. Vachon, Ph.D., ’80, ’85 M.Div., Director, Ruth M. Hillebrand Center for Compassionate Care in Medicine
In this lecture, Vachon explains how articulating and cultivating your spirituality of caring allows the helper to avoid despair and burnout as well as to maintain a sense of caring in the continual encounter with human suffering which promotes healing in those one tries to help.

Truth in Numbers: From Notre Dame Football to The Da Vinci Code

Alexander J. Hahn, ’68 M.S., ’70 Ph.D., Professor, Mathematics; Director, Honors Program, College of Science
To what extent do numbers capture the reality that generates them? When do they fail to do so? To what extent do they lie? This PowerPoint presentation explores these questions both in the context of Notre Dame football statistics and the mathematics in The Da Vinci Code.
Two Koreas: Current Issues in Global Geopolitics
Kwan S. Kim, Ph.D., Professor Emeritus, Economics; Fellow, Kellogg Institute for International Studies and Liu Institute for Asian Studies

What is North Korea’s ultimate policy goal? What is the prospect for its regime’s stability? How has the North’s attempt to reanimate nuclear facilities affected geopolitical dynamics in East Asia? North’s interest in economic liberalization aided by South’s economic prowess would be a key facilitating factor contributing to a peaceful resolution of conflicts in the peninsula. This must include a sustained, inter-complementary role that the U.S. and China could play.

Understanding China’s Hard Power: Expansion, Cyberwarfare and Intimidation
Lionel M. Jensen, Ph.D., Associate Professor, East Asian Languages and Cultures; Associate Professor, History

Today the more aggressive expansion of China in the Asian Pacific region is a source of global concern. Under the aegis of Chinese Communist Party’s leader, Xi Jinping, the once “peaceful rise” of China as a world economic power has taken a more confrontational turn. Why? The answers will be found through this lecture’s investigation into several key shifts of contemporary policy such as accelerating growth in defense spending, increased ethnic and religious persecution, a broad crackdown on domestic freedoms, and heightened engagement in cyber hacking. These and other topics will be addressed and placed in proper context so that China may be understood rather than feared.

Western Civilization: What a Good Idea
Thomas F. Noble, Ph.D., Professor, History; Fellow, Nanovic Institute for European Studies

What is the “West”? Where is the West? Who is Western? Is there a Western heritage or tradition? Is the present world embroiled in a clash of civilizations, a battle of East and West? This lecture is a bracing romp through millennia with a view to understanding why the “West” matters.

What Difference Does Caring Make in Business and Healthcare?
Dominic O. Vachon, Ph.D., ’80, ’85 M.Div., Director, Ruth M. Hillebrand Center for Compassionate Care in Medicine

Caring is often devalued and misused as a “soft” scientific phenomenon when it is actually the opposite, even as organizations work so hard to be perceived as caring. This lecture presents how a more accurate view of compassionate care makes a major difference in our lives and work.

What Happens to Your Property When You Die? The Benefits of Estate Planning
Daniel Kelly, J.D., ’02, Professor, Law

Death, like taxes, is inevitable. Yet we tend avoid the subject. Ignoring death is perilous, not only for our souls but also for our material possessions, healthcare, and family’s future. This lecture discusses the basics of wills and trusts, the benefits of estate planning, and cutting-edge succession issues.

What is Human Dignity and Why Does It Matter?
Paolo G. Carozza, A.B., J.D., Director, Kellogg Institute for International Studies; Professor, Law; Concurrent Professor, Political Science

Appeals to human dignity can be found everywhere today, from law to bioethics to international development. But there are profound divergences in what people mean by it. This lecture explores why seeking a common understanding of human dignity in a pluralistic world is essential to the future of humanity.
What is Money and Why Do We Use It?
Christopher J. Waller, Ph.D., Professor, Economics; Fellow, Kellogg Institute for International Studies; Fellow, Nanovic Institute for European Studies
In the last decade, monetary economists have finally developed a deep understanding of money and the information frictions that give rise to money. This knowledge gives us insights as to how society moved toward monetary trade, and where financial development will go.

What is Science Saying About Compassion and What Difference Does It Make in Our Daily Lives?
Dominic O. Vachon, Ph.D., ’80, ’85 M.Div., Director, Ruth M. Hillebrand Center for Compassionate Care in Medicine
Recent research shows how human beings are hardwired for compassion. Rather than being only a moral ideal, compassion is essential to what is means to be human from the way we live our daily lives as well as the way we practice medicine and other helping professions.

What Race Is and What It Is Not
Agustin Fuentes, Ph.D., Professor and Chair, Anthropology
There is only one biological race in humans, but race is a prominent social reality. Humans vary in many ways, but not always in the ways we think. This lecture reveals the myths and the realities about human diversity, and why this information is very important to all of us.

What Should We Fight For?
Michael Desch, A.M., Ph.D., Professor, Political Science; Fellow, Joan B. Kroc Institute for International Peace Studies; Fellow, Kellogg Institute for International Studies
Desch, a leading expert on American foreign policy, outlines the challenges and opportunities the United States faces as it grapples with how to ensure its national security in the years to come in light of the new threats and new technologies that will shape warfare in the coming decades.

What’s My Personal GPS for Acting Ethically?
Kevin M. Misiewicz, Ph.D., Professor Emeritus, Accountancy
Question: What can we do to nourish decisions with integrity in our family? Our workplace? Our church? Answer: We can formalize our own personal GPS (Goals/Principles/Sustainability or God’s Positioning System).

What’s So Funny About a Joke?
Mark W. Roche, Ph.D., Rev. Edmund P. Joyce, C.S.C., Professor of German Language and Literature; Concurrent Professor, Philosophy
Why do we tell and enjoy jokes? How are the most complex jokes structured? This entertaining presentation interlaces a number of jokes with an analysis of the greatness and limits of Freud’s theory of jokes. It then explores the ways in which jokes play with various kinds of paradoxes.

What Would James Madison Do?
Amy C. Barrett, J.D., ’97, Professor, Law
Are judges bound to enforce the Constitution as the framers understood it? Or are they free to fashion constitutional law that accounts for contemporary values? This lecture explores the debate about the role of original meaning in constitutional interpretation.

Who Won the Bible War?
Linda Przybyszewski, Ph.D., Associate Professor, History; Concurrent Professor, Law
In 1869, the Cincinnati school board ended Bible reading in its public schools and set off a national debate that ended with a legal victory for the school board. But had religion lost? The Bible War actually reveals the power of Christianity to shape religious liberty.
Who’s Watching Me? What “Big Data” Means to All of Us

Corey M. Angst, Ph.D., Associate Professor, Management

The term “Big Data” is being widely used in society yet few people have an understanding of what it is or how it impacts each of us. While Big Data promises customization, hyper-personalization, a better understanding of consumers, and some societal benefits, it also creates privacy concerns. This non-technical talk will demystify Big Data.

Why History Matters for Catholics

Brad S. Gregory, Ph.D., Professor, History; Director, Institute for Advanced Study; Fellow, Nanovic Institute for European Studies

This lecture explores why an awareness of history is important for an informed Catholic faith: the inescapability of Christianity as a religion rooted in time, the ways in which history can serve as a handmaid to theology, and the dual reality of the Christian past as inspiration and scandal.

Why Teaching U.S. Latino Literature Matters: Living the Mission of Our University

Marisel C. Moreno, Ph.D., Associate Professor, Latino/a Literature

How are U.S. Latino literature, service-learning, and the mission of Notre Dame connected? This talk examines how teaching Latino literature at Notre Dame, based on the pedagogy of service-learning, has allowed students to deepen their understanding of Notre Dame’s mission.

Why We Get Lost

Laura A. Carlson, Ph.D., Vice President, Associate Provost; Dean, Graduate School; Professor, Psychology

Getting lost in a new environment is a fairly common experience. People report difficulty navigating through malls and hospitals, and differ in their abilities to navigate along detoured routes. This lecture examines why this is the case, focusing on the contributing aspects of the environment and the navigator.

Win Just One for the Gipper: Advances Toward Treatment of Traumatic Brain Injury

Mayland Chang, Ph.D., Research Professor, Department of Chemistry and Biochemistry; Director, Chemistry-Biochemistry-Biology Interface Program

Concussions are mild traumatic brain injury (TBI), producing a cascade of neurological events, resulting in neuronal cell injury and death. Presently, there is no treatment to rescue brain cells after concussion TBI. Notre Dame technology addresses this unmet medical need that has the potential for a first-in-kind treatment for TBI.

Wind Energy Research at Notre Dame—Developing a Better Energy Source

Robert Nelson, Ph.D., ’64, ’66 M.S., Professor, Aerospace and Mechanical Engineering

The major challenges of this century will be to provide enough energy, water, and food without harming the environment and depleting these resources for future generations. Renewable energy sources such as wind and solar energy must play a more important role in our energy future. Wind power has the potential to meet 20% of our electricity needs. One of the most important challenges is to make the cost of generating electricity from wind turbines competitive with other energy sources. Research at the University of Notre Dame has shown that significant improvements can be made to make wind power more cost effective.

Women’s Rights are Human Rights: A Global Philosophy

Eileen H. Botting, Ph.D., Associate Professor, Political Science; Fellow, Kroc Institute for Peace Studies and Fellow, Nanovic Institute for European Studies

Since 1792, with the publication of her groundbreaking treatise “A Vindication of the Rights of Woman,” Mary Wollstonecraft helped to launch a new era in the philosophy of human rights. By explicitly including women and slaves in the “rights of humanity,” Wollstonecraft made the concept of human rights fully universal. After her came many theorists of women’s rights, female and male, non-Western and Western, who built upon the momentum she gave the now global movement for understanding and institutionalizing “women’s rights as human rights.”
COREY M. ANGST, PH.D.
Associate Professor, Management

Corey Angst is an associate professor in the Department of Management at the Mendoza College of Business. He teaches Business Problem Solving, Project Management, and Strategic IT at both the undergraduate and graduate level. His research interests are in the transformational effect of IT, technology usage, and IT value. His research has been published in many top journals. He received his Ph.D. from the Smith School of Business, University of Maryland. Prior to pursuing his graduate education, Angst worked for 10 years in both technical and strategic roles, most recently with the DuPont Company. He and his wife Wendy, also a professor in the management department, have three children who inherited their love of travel.

Grandma “Friended” Me on Facebook?! Making Sense of Social Media pg 27

Who’s Watching Me? What “Big Data” Means to All of Us pg 50

PERI ARNOLD, PH.D.
Professor, Political Science

Peri Arnold joined the government department in 1971 and has served as its chair and also as director of the Hesburgh Program in Public Service. He is a scholar of American politics and the presidency. He has authored two books, Making the Managerial Presidency and Remaking the Presidency, as well as numerous articles and chapters. Arnold is an elected fellow of the National Academy of Public Administration.

Theodore Roosevelt and the Modern American Presidency pg 46

J. MATTHEW ASHLEY, PH.D.
Associate Professor of Systematic Theology; Chair, Department of Theology; Fellow, Reilly Center for Science, Technology, and Values

Matthew Ashley is an associate professor of systematic theology and the chair of the Department of Theology. He has a B.S. in philosophy and physics from St. Louis University, a master’s of theological studies degree from the Weston Jesuit School of Theology, and a Ph.D. in theology from the University of Chicago. Having authored or edited six books and numerous articles, Ashley’s research focuses on theology and science and on the history of Christian spirituality. His most recent book is Take Lord and Receive, All My Memory: Toward an Anamnetic Mysticism.

A Pope on the Margins: Pope Francis’s Vision for the Church pg 16

A Tale of Two Trials—From Dayton to Dover: What Have We Learned About Evolution and Christian Faith? pg 17

AMY BARRETT, J.D., ’97
Professor, Law

Amy Coney Barrett is a professor in the Law School. Her work, which has been published in the nation’s leading law journals, focuses on constitutional law and the role of the federal courts in our system of government. Before joining Notre Dame’s faculty, she served as a law clerk to Justice Antonin Scalia and practiced law in Washington, D.C. She currently sits by appointment of the Chief Justice on a committee that advises the federal courts in their rulemaking process.

From John Jay to John Roberts: The Evolution of the Supreme Court pg 26

The Supreme Court: Current Controversies pg 46

What Would James Madison Do? pg 49
CINDY S. BERGEMAN, PH.D.
Professor, Psychology

Cindy Bergeman has research interests in stress, resiliency, and health and well-being outcomes across the adult lifespan. Her current research project uses multiple lenses (yearly questionnaires, in-depth interviews, and daily assessments) to identify and describe the various pathways through which converging behavioral, psychological, environmental, and social processes contribute to resilience and optimal functioning in later life. Unique to her perspective is the innovation in data assessment and analysis that facilitates more comprehensive understanding of the multidimensional and multilevel pathways that underlie the relations among stress and uplifts (e.g., in areas of work, family, friends, health, finances), resilience mechanisms (e.g., hardness, control, social support), and health and well-being outcomes.

- Aging Successfully  pg 17
- Are you Resilient? How to "Bounce Back" from Adversity  pg 18
- How Stress Gets "Under the Skin": Implications for Health and Well-Being  pg 28

PAUL W. BOHN, PH.D., ’77
Arthur J. Schmitt Professor, Chemical and Biomolecular Engineering; Professor, Chemistry and Biochemistry

Paul Bohn received his B.S. in chemistry from Notre Dame in 1977, and his Ph.D. from Wisconsin-Madison in 1981. After a career at Bell Laboratories and the University of Illinois, Bohn rejoined the faculty at Notre Dame as the Arthur J. Schmitt Professor of Chemical and Biomolecular Engineering. His research interests span integrated nanofluidic microfluidic measurement strategies, chemical and biochemical sensing, smart materials, and molecular approaches to nanotechnology. Bohn has authored 230 publications and patents, has delivered 250 invited lectures throughout the world, and has served as a consultant for companies both in the U.S. and in Europe.

- Honey, I Shrunk the Lab! The Furious Race to Squeeze Your Hospital’s Clinical Lab onto an iPod™  pg 28

EILEEN H. BOTTING, PH.D.
Associate Professor, Political Science; Fellow, Kroc Institute for Peace Studies; Fellow, Nanovic Institute for European Studies

Eileen Botting is a political theorist with particular interests in theorizing human rights (especially those of women, children, and the poor), the relationship between the family, civil society, and the state, and the ways that world religions, including Catholicism, can accommodate women’s rights.

- Women’s Rights are Human Rights: A Global Philosophy  pg 50

JACQUELINE VAUGHT BROGAN, PH.D.
Professor Emerita, English

Jacqueline Vaught Brogan is a well-known critic of 20th Century literature (both poetry and prose) as well as a published poet herself. She has published numerous books and essays, ranging from studies of Wallace Stevens and Ernest Hemingway, to Alice Walker and Adrienne Rich. She has been the recipient of numerous awards and scholarships, including an NEH fellowship. Since retiring in 2012, she regularly teaches “Everybody’s Shakespeare” to incoming freshmen and Ernest Hemingway to English majors.

- Ernest Hemingway—In Our Time  pg 25
SISTER KATHLEEN CANNON, O.P.
Associate Dean, College of Science; Concurrent Associate Professor, Theology
Dominican Sister Kathleen Cannon is associate dean of the College of Science, and concurrent associate professor of theology. She served Notre Dame as associate provost from 1990 to 1997, and planned Notre Dame’s first daycare center. A specialist in homiletics, she is a frequent contributor to pastoral and homiletic publications.

Catholic Women as Theologians and Preachers pg 20
Facing Changes in the Church: Lay Service, Lay Power pg 25
Spirituality pg 38

GILBERTO CÁRDENAS, ’72 M.A., ’77 PH.D.
Director, Notre Dame Center for Arts and Culture; Professor, Sociology; Fellow, Institute for Latino Studies; Fellow, Kellogg Institute for International Studies; Fellow, American Studies Program
Gilberto Cárdenas was the founding director of the Institute for Latino Studies at the University of Notre Dame. He also served as the executive director for the Inter-University Program for Latino Research (IULPR) until July 2013. He held the Julian Samora Chair in Latino Studies (1999-2012) and teaches in the Department of Sociology. He received his B.A. from the California State University at Los Angeles, and his M.A. and Ph.D. from Notre Dame. Dr. Cardenas taught at the University of Texas at Austin from 1975 to 1999. His principal research interests are immigration, race and ethnic relations, and visual sociology.

Immigration pg 29

LAURA A. CARLSON, PH.D.
Vice President, Associate Provost; Dean, Graduate School; Professor, Psychology
Laura Carlson is a professor of psychology and serves as a Vice President, Associate Provost, and Dean of the Graduate School at the University of Notre Dame. She earned her Ph.D. from the University of Illinois, Urbana-Champaign in 1994, and has been at Notre Dame ever since. Carlson’s primary research interest is in spatial cognition. She investigates how we internally represent places, asking questions such as why do we get lost and what makes a set of directions effective. Carlson has received funding from the National Science Foundation and National Institutes of Health. She serves on the governing board for the Cognitive Science Society.

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Why We Get Lost pg 50

PAOLO G. CAROZZA, A.B., J.D.
Director, Kellogg Institute for International Studies; Professor, Law; Concurrent Professor, Political Science
Paolo Carozza is professor of law and concurrent professor of political science, and director of the Kellogg Institute for International Studies. His expertise is in the areas of comparative constitutional law, human rights, law and development, and international law, and his extensive writings in these areas have been published in four languages. He has lectured widely across Europe and Latin America as well as the United States. From 2006 to 2010 he was a member of the Inter-American Commission on Human Rights and served as its President in 2008-09.

Human Rights and the Catholic Church, from Saint Francis to Pope Francis pg 29
What is Human Dignity and Why Does It Matter? pg 48
JOHN C. CAVADINI, PH.D.
McGrath-Cavadini Director of the Institute for Church Life

John Cavadini is professor of theology and director of the Institute for Church Life. He teaches classes in the history and theology of the early Church, in the theology of miracles, and the theology of the Fathers of the Church, especially St. Augustine. He has lectured on these topics, as well as topics in passing on the faith to young people, Eucharist, saints, Mary, theology of marriage, the Catechism, and other topics suitable for “Theology on Tap” sessions.

- Miracles pg 32
- The Church pg 40

MAYLAND CHANG, PH.D.
Research Professor, Department of Chemistry and Biochemistry; Director, Chemistry-Biochemistry-Biology Interface Program

Mayland Chang is research professor in the Department of Chemistry and Biochemistry. Previously, Chang was chief operating officer of University Research Network, Inc., senior scientist at Pharmacia Corporation, and senior chemist at Dow Chemical Company. During her industrial career, Chang has seen three of her projects brought to commercialization. Chang holds bachelor’s degrees in biology and chemistry from the University of Southern California, a Ph.D. in chemistry from the University of Chicago, and has completed a NIH postdoctoral fellowship at Columbia University. Her research interests center on the molecular basis of neurological diseases and discovery and development of new antibiotics.

- To Heal or Not to Heal: Acceleration of Diabetic Wound Repair pg 47
- Win Just One for the Gipper: Advances Toward Treatment of Traumatic Brain Injury pg 50

PATRICIA L. CLARK, PH.D.
Rev. John Cardinal O’Hara, C.S.C., Professor of Chemistry and Biochemistry

Professor Clark received her B.S. (chemistry, 1991) from Georgia Tech, Ph.D. (molecular biophysics, 1997) from University of Texas Southwestern Medical Center, and was a National Institutes of Health National Research Service Award postdoctoral fellow at MIT. She joined Notre Dame in 2001 as the Clare Boothe Luce Assistant Professor of Biochemistry. Professor Clark has received a CAREER Award from the National Science Foundation and a National Research Development Award from the American Heart Association. She has served on the Biophysical Society’s Council, and is a member of the Editorial Board of Biophysical Journal. She is the 2013 recipient of the Michael and Kate Bárány Award from the Biophysical Society.

- Biological Machines pg 19
- Nimble Bacteria: How They Sense Their Environment to Infect and Outwit pg 32

ANNE G. COLEMAN, PH.D.
Associate Professor, American Studies

Anne Gilbert Coleman is an associate professor of American Studies. Trained as a historian of the American West, she is interested in how Americans interact with the environment through practices of recreation and leisure. Her book, Ski Style: Sport and Culture in the Rockies (2004), examined the landscape, culture, and history of Colorado’s ski industry, and she is currently working on a history of outdoor professional guides as mediators between Americans and the wilderness. Her articles and essays include “From Snow Bunnies to Shred Betties: Gender, Consumption, and the Skiing Landscape,” “The Fall of the House of Leisure: Outdoor Guides, Practical Knowledge, and Industrialization,” and “Making Time and Place at the Indy 500.”

- American Wilderness and Its Challenges pg 17
- The Role of Sports in American Culture pg 45
Brian Collier holds a Ph.D. in American Indian History and the History of Education in America. He teaches for the Alliance for Catholic Education and is a fellow in the Institute for Educational Initiatives. His research in education is at the intersection of where families and teachers can truly partner to take back their families, their schools, and their neighborhoods. His historical research on Native people focuses on American Indian boarding schools and their legacy. Collier has written articles and book chapters on Native Americans, the American West, teaching in the American West, race relations, gender, and the Harlem Globetrotters.

Creating an American Identity: American Indians and the Co-Opting of Identity  pg 22
Save Our Schools, Save Our Country, and Save Your Family  pg 37

Donald Crafton holds Notre Dame’s first endowed chair in film studies. He received his doctorate from Yale University in 1977. He has chaired the departments of Film, Television, and Theatre, as well as Music. In 2012-13 he was the interim director of the Nanovic Institute for European Studies. Crafton’s many articles and four books include Shadow of a Mouse: Performance, Belief and World-Making in Animation. He is co-general editor of The Moving Image, a scholarly journal. Crafton has won awards and fellowships from the Academy of Motion Picture Arts and Sciences, the Guggenheim Foundation, and the National Endowment for the Humanities. He was the 2007 recipient of the University of Notre Dame’s Presidential Award.

Notre Dame in the Movies  pg 33

Michael Crant, Ph.D.
Professor, Management

A member of the faculty since 1990, Mike Crant is the former chair of the Department of Management in the Mendoza College of Business. He studies proactive leadership and decision-making in business organizations. A winner of multiple teaching awards for both undergraduate and executive M.B.A. teaching, Crant has conducted executive development seminars for companies worldwide, including Bayer, Far Eastern Group, HSBC, Siemens, and Toro. Crant earned B.S. and M.B.A. degrees from the University of Florida and a Ph.D. in organizational behavior from the University of North Carolina at Chapel Hill.

How to Be a More Effective Leader  pg 28
Making Better Decisions at Work  pg 31

Gregory P. Crawford, Ph.D.
Vice President and Associate Provost; Professor, Physics

Gregory Crawford joined Notre Dame as dean of the College of Science and professor of physics in July 2008. Beginning July 1, he assumed a new leadership role as associate provost and vice president of the University, and will be leading the Notre Dame California Initiative. He is the inventor/co-inventor of over 20 patents, has published over 300 research and education papers, edited several books, and is the cofounder of two startup companies. Crawford played a vital role in developing the Engineering, Science, Technology, and Entrepreneurship Excellence Master’s Program (ESTEEM), the Master of Science in Global Health (MSGH), and the Master of Science in Patent Law.

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Pasteur’s Quadrant: From the Lab Bench to the Patient or Patient’s Bedside  pg 34
The Role of Entrepreneurship in Academia—Pursuit of Opportunity  pg 45
MARTIJN CREMERS, PH.D.
Professor, Finance

Martijn Cremers joined Notre Dame in 2012 as professor of finance. He was a faculty member at Yale University from 2002-2012. His paper “How active is your fund manager? A new measure that predicts performance” (published in 2009 in the Review of Financial Studies) introduced a measure of active management named “Active Share,” which is based on a comparison of the holdings of a fund with those of its benchmark. The “Active Share” measure has become widely used in the financial industry and was incorporated in Morningstar Direct and FactSet.

Charles R. Crowell currently is in the Department of Psychology where he serves as director of the eMotion and eCognition research lab. Also, he is director of the Computer Applications Program, a supplementary major in the College of Arts and Letters. Professor Crowell has applied psychology and technology to learning, productivity, and performance improvement in organizations. He has published and lectured widely on topics including performance technology, organizational effectiveness, and the use of technology to assist in organizational improvement. Professor Crowell also has worked with national and international companies on issues related to employee effectiveness, applications of technology, and management development.

CHARLES R. CROWELL, PH.D., ’70
Associate Professor, Psychology; Director, Computer Applications Program

BARRY CUSHMAN, PH.D.
John P. Murphy Foundation Professor of Law

Barry Cushman came to Notre Dame in 2012 following fifteen years on the faculty at the University of Virginia, where he was the James Monroe Distinguished Professor of Law and Professor of History. His book, Rethinking the New Deal Court (Oxford University Press), was awarded the American Historical Association’s Littleton-Griswold Prize. Cushman has taught in a wide range of areas, including constitutional law, American intellectual and cultural history, and American legal and constitutional history. While at Virginia, Cushman was honored with the All-University Teaching Award. At Notre Dame, Cushman also holds appointments in the Departments of History and Political Science.

DARREN W. DAVIS, PH.D.
Associate Vice President for Research; Professor, Political Science

Considered one of the most prolific scholars in political behavior, public opinion, political psychology, and racial politics, Darren W. Davis is nationally recognized for his research on political tolerance, the support for democratic values, subtle racism, and the concern for social desirability. Davis’ scholarly research has appeared in the most prestigious journals in political science. Davis was part of a national committee that examined the reliability of polling results in the 2008 presidential primaries. During the 2008 presidential election, Davis appeared as a polling expert on CNN, NBC, FOX, BBC, and in numerous newspapers. Davis earned a bachelor’s degree at Lamar University, a master’s degree from Louisiana State University, and a doctorate from the University of Houston.
JOHN DEAK, PH.D.
Assistant Professor, History; Fellow, Nanovic Institute for European Studies

John Deak grew up in North Carolina. After he received his Ph.D. from the University of Chicago in 2009 he landed his dream job at the home of the Fighting Irish. Broadly interested in European history since the Enlightenment, he teaches courses on German History, the Revolutions of 1848, the First World War, and his specialty, the History of the Habsburg Empire.

- Europe’s Revolutionary Spring: 1848  pg 25
- The Great War and the Forgotten Realm  pg 42

CELIA DEANE-DRUMMOND, PH.D.
Professor, Theology

Professor Celia Deane-Drummond is currently full professor in theology at the University of Notre Dame. Her research interests are in the engagement of theology and ethics with natural science, including specifically ecology, evolution, animal behavior, and anthropology. Her most recent books include Ecotheology (St Mary’s Press, 2008), Christ and Evolution (Fortress, 2009), Creaturely Theology, co-ed (SCM Press, 2009), Religion and Ecology in the Public Sphere, co-ed (Continuum, 2011), Animals as Religious Subjects, joint ed (T & T Clark/ Bloomsbury, 2013), and The Wisdom of the Liminal: Human Nature, Evolution and Other Animals (Eerdmans, 2014).

- In Praise of Creatures  pg 29
- Theology, Evolution, and Anthropology in Conversation  pg 47

MICHAEL DESCH, A.M., PH.D.
Professor, Political Science; Fellow, Joan B. Kroc Institute for International Peace Studies; Fellow, Kellogg Institute for International Studies


- What Should We Fight For?  pg 49

MALGORZATA DOBROWOLSKA-FURDYNA, PH.D.
Professor, Physics

Malgorzata Dobrowolska-Furdyna has taught physics at the University of Notre Dame since 1989. She is the recipient of the Kaneb Teaching Award, Rev. Edmund P. Joyce, C.S.C., Award for Excellence in Undergraduate Teaching, and the Shilts/Leonard Teaching Award. She is author or co-author of over 220 scholarly publications and was awarded the National Science Foundation Creativity Award in 1995. Dobrowolska-Furdyna is fellow of the American Physical Society and fellow of the American Association for the Advancement of Science. Currently, she is serving as an Associate Dean in the College of Science.

- This Is Not Your Father’s Classroom: Adapting Teaching Methods to the Ever-Changing World  pg 47
REV. ROBERT A. DOWD, C.S.C., PH.D., ’87
Assistant Professor, Political Science; Director, Ford Family Program in Human Development Studies and Solidarity


Christianity, Islam, and Support for Religious Freedom: Lessons from Sub-Saharan Africa  pg 21
Notre Dame and the Fight Against Extreme Poverty  pg 33

REV. MICHAEL S. DRISCOLL, PH.D.
Associate Professor, Theology

Michael Driscoll is a priest of the Diocese of Helena. He is a member of the theology department and the founding director of the Master’s Program in Sacred Music (MSM). His scholarly interests are in the area of liturgy and sacramental theology, co-authoring a book with Michael Joncas entitled, The Order of Mass: A Roman Missal Study Edition and Workbook (Chicago: Liturgical Training Publications, 2011). He served as president of the North American Academy of Liturgy (2002-03) and was a member of the of the executive council (2002-08) of the international ecumenical association, Societas Liturgica. In 2013, he finished his three-year term as president of the Catholic Academy of Liturgy.

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CRISLYN D’SOUZA-SCHOREY, PH.D.
Morris Pollard Professor and Department Chair Biological Sciences

Crislyn D’Souza-Schorey is the Morris Pollard Professor and chair of the Department of Biological Sciences at the University of Notre Dame. She received her doctorate from the University of Texas Health Science Center at San Antonio, following which she was a postdoctoral research fellow at Washington University School of Medicine in St. Louis. Her research interests are to understand the molecular basis of cancer progression. A recipient of many awards and honors during her career, she also serves on several scientific review panels. She is an elected Fellow of the American Association for the Advancement of Science.

Fighting Cancer: Understanding Mechanisms of Cancer Progression  pg 26
Fighting Cancer: Understanding Mechanisms of Cancer Progression  pg 26

KENNETH DYE, ED.D., M.B.A.
Director, Bands; Professor, Music

As a composer/arranger, for the Sydney 2000 Olympic Band and choreographer for the 1984 Los Angeles Olympics, his experiences have produced over 1,800 musical works and shows performed throughout the U.S. and overseas. While conducting at Notre Dame, the Band has performed concerts in the Sydney Opera House, Beijing Concert Hall, and Carnegie Hall as well as toured Europe, Asia, and Brazil. His research for the courses “The Business of Music” and “Music and the Olympics” has discovered inspiring stories in the cross disciplinary character of music and human achievement.

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Lessons from Music and the Olympics  pg 30
Musical Leadership in the World of Business and Innovation  pg 32
The Traditions and Developments of the American Marching Band  pg 46
EDMUND P. EDMONDS, J.D., ’73
Associate Dean, Director, Kresge Law Library

Ed Edmonds is the associate dean for library and information technology at the Kresge Law Library and a professor of law. Edmonds is a 1973 graduate of Notre Dame, and he has a library degree from Maryland and a law degree from Toledo. He has also served as the law library director at William & Mary, Loyola University New Orleans, and the University of St. Thomas. Edmonds’ teaching responsibilities include Advanced Legal Research, Intercollegiate Athletics Externship, and Sports Law Seminar. His primary scholarly interest is antitrust and labor issues involving baseball.

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- Baseball’s Interesting Relationship with the U.S. Supreme Court pg 18
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WILLIAM N. EVANS, PH.D.
Professor, Economics and Econometrics

William Evans is a Keough-Hesburgh Professor in the Department of Economics. His research covers a broad range of areas including health economics and the economics of education. His papers have appeared in the top journals in the profession, and his research is frequently featured in the popular press. In 2012, with colleague James Sullivan, Professor Evans co-founded the Lab for Economic Opportunities (LEO) which is a research center that has partnered with Catholic Charities USA to identify effective and replicable solutions to reduce poverty in America. Professor Evans and his wife Eileen have three boys: Conor (ND 2012), Brendan (ND 2015), and Patrick.

- The Lab for Economic Opportunities (LEO): Where Academics Join Service Providers in the Fight Against Poverty pg 43

STEPHEN M. FALLON, PH.D.
Rev. John J. Cavanaugh, C.S.C., Professor of the Humanities; Professor, Program of Liberal Studies; Professor, English

Steve Fallon studies Renaissance literature and intellectual history. The author of Milton among the Philosophers and Milton’s Peculiar Grace: Self-Representation and Authority, Fallon co-edited Modern Library’s Complete Poetry and Essential Prose of John Milton. He has been a visiting professor in Jerusalem and Brisbane. He has won two NEH Fellowships, the Milton Society of America’s lifetime achievement award, and the Arts and Letters College’s Sheedy Award for Teaching. Fallon co-founded a course in classic texts at South Bend’s Center for the Homeless, and he contributes to a Holy Cross College/Notre Dame initiative offering HCC liberal arts degrees in an Indiana prison.

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MICHAEL FERDIG, PH.D.
Professor, Biological Sciences

After completing a master’s degree in parasitology at the University of Nebraska, Dr. Ferdig studied mosquito-transmitted diseases for his Ph.D at the University of Wisconsin and then continued to the National Institutes of Health were he began his studies of malaria parasites. After joining the Notre Dame faculty in 2001, he has become a leading researcher in genomic methodologies to understand drug resistance mechanisms and new drugs to attack this parasite.

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HARINDRA JOSEPH FERNANDO, PH.D.
Wayne & Diana Murdy Endowed Professor in Engineering & Geological Sciences; Professor, Civil Engineering and Geological Sciences; Concurrent Professor, Aerospace and Mechanical Engineering
Fernando is currently the Wayne and Diana Murdy Endowed Professor of Engineering and Geosciences at University of Notre Dame. He received his education at the University of Sri Lanka (BS in Mechanical Engineering ’79), the Johns Hopkins University (M.A. ’82 and Ph.D., ’83), and Caltech (Post-doctoral, ’83-’84). Among awards and honors he received are the UNESCO Gold Medal of the Year for the Best Engineering Student (1979), Presidential Young Investigator Award (1986), ASU Alumni Distinguished Research Award (1997), Rieger Foundation Distinguish Scholar Award in Environmental Sciences (2001), William Mong Lectureship from the University of Hong Kong (2004), and Life Time Achievement Award from the Sri Lanka Foundation of the USA (2007). He is a Fellow of the American Society of Mechanical Engineers, American Physical Society, American Meteorological Society, and the American Association for the Advancement of Science. He was elected to the European Academy in 2009 and received docteur honoris causa from University of Grenoble, France, in 2014.

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PATRICK J. FLYNN, PH.D.
Professor, Computer Science and Engineering; Concurrent Professor, Electrical Engineering
Patrick J. Flynn is the Duda Family Professor of Engineering at Notre Dame. He received the Ph.D. in Computer Science from Michigan State. He has also held faculty positions at Washington State University and The Ohio State University. His research interests include computer vision, biometrics, and image processing. Dr. Flynn is a Fellow of the Institute of Electrical and Electronics Engineers and a Fellow of the International Association of Pattern Recognition. He has received outstanding teaching awards from Washington State University and the University of Notre Dame.

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JAMES M. FRABUTT, PH.D., ’95
Mary Ann Remick Leadership Program Faculty, Alliance for Catholic Education (ACE); Director, Academic Community Engagement, Office of the Provost
Jim Frabutt is a faculty member in the Alliance for Catholic Education and a Fellow in the Institute for Educational Initiatives. His professional efforts have been centered on understanding and developing policies, practices, and systems that support children and families’ quality of life. He has applied action-oriented, community-based research to areas such as school-based mental health, teacher and administrator inquiry, racial disparities in the juvenile justice system, and community violence reduction. He is a member of the American Psychological Association, the National Council on Family Relations, and the Mental Health-Education Integration Consortium. He has a bachelor’s degree in psychology (University of Notre Dame) and master’s and doctoral degrees in human development and family studies (University of North Carolina at Greensboro).

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Luis Ricardo Fraga is co-director of the Institute for Latino Studies, Arthur Foundation Endowed Professor of Transformative Latino Leadership, professor of political science, and Fellow at the Institute for Educational Initiatives at Notre Dame. He is the author/co-author of five books and over three-dozen academic articles and book chapters related to elections, Latino politics, voting rights, immigration policy, and educational politics. He has received fifteen awards for teaching, mentoring, and advising over his thirty-year career as a scholar and professor. He has also received two awards for his work in Catholic education. In 2011, he was named by President Obama to serve on the Advisory Commission on Educational Excellence for Hispanics where he co-chairs the Postsecondary Education Subcommittee. Also in that year, he was named one of top “100 Influentials” in the country by Hispanic Business Magazine.

Timothy S. Fuerst is the William and Dorothy O’Neill Professor of Economics and the newly appointed director of Graduate Studies at the University of Notre Dame. His research interests include monetary theory and policy, with a special focus on business cycles. Professor Fuerst also serves as a Senior Economic Advisor at the Federal Reserve Bank of Cleveland in Ohio. He is the author of more than 65 scholarly articles in numerous academic journals and Federal Reserve publications. His most recent work involves analyses of fiscal and monetary policy near the zero bound on interest rates. He serves on the Editorial Board of the Journal of Money, Credit and Banking. Fuerst received his Ph.D. in Economics from the University of Chicago in 1990.

Peter Garnavich is a professor of physics at the University of Notre Dame where his research focuses on cataclysmic variable stars, supernovae, and cosmology. Prior to joining the Notre Dame faculty, he was a research fellow at the Harvard-Smithsonian Center for Astrophysics and received a M.Sc. from the Massachusetts Institute of Technology, and a Ph.D. from the University of Washington. He is a co-recipient of the 2007 Gruber Prize in Cosmology. At Harvard, he became a key member of the High-Z team that discovered that the rate of expansion of the universe is accelerating. The discovery was awarded the 2011 Nobel Prize in Physics.
NICOLE S. GARNETT, J.D.
John P. Murphy Foundation
Professor of Law

Professor Garnett’s research and teaching focus on education law and policy, property law, urban development, local government, and land use. Her most recent book (with Margaret Brinig), Lost Classroom, Lost Community: Catholic Schools’ Importance in Urban America, explores the effects of Catholic school closures on urban neighborhoods.

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RICHARD W. GARNETT, J.D.
Professor, Law; Concurrent Professor, Political Science; Fellow, Institute for Educational Initiatives

Richard W. Garnett is professor of law and concurrent professor of political science, and his work focuses on constitutional law, education reform, and church-state relations. He was raised in Anchorage, Alaska, and is a graduate of Duke University and Yale Law School. Before coming to Notre Dame in 1999, he was a law clerk to Chief Justice William Rehnquist and practiced law in Washington, D.C. He is the founding director of the Law School’s program on Church, State, and Society and serves as a consultant to the United States Conference of Catholic Bishops’ Committee on Religious Liberty.

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BRAD S. GREGORY, PH.D.
Professor, History; Director, Institute for Advanced Study; Fellow, Nanovic Institute for European Studies

Brad Gregory joined the University of Notre Dame Department of History in 2003 after seven years at Stanford University, where he received early tenure in 2001. He has received teaching awards at both Stanford and Notre Dame, and both of his books, Salvation at Stake: Christian Martyrdom in Early Modern Europe and The Unintended Reformation: How a Religious Revolution Secularized Society, received book prizes. A former junior fellow in the Harvard Society of Fellows, Gregory teaches courses on early modern Europe. In 2013 he was named the new director of the Notre Dame Institute for Advanced Study.

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THOMAS A. GRESIK, PH.D.
Professor, Economics; Fellow, Kellogg Institute for International Studies

Thomas Gresik is a professor of economics and a fellow in the Kellogg Institute for International Studies. Gresik earned a Ph.D. in managerial economics and decision sciences from Northwestern University in 1987. Gresik studies the effect of private information on the performance of markets and regulations. Gresik is a co-editor for the Journal of Economic Behavior and Organization and is an associate editor for International Tax and Public Finance. He has advised the European Central Bank, the Norwegian Oil Tax Office, and the Norwegian Ministry of Energy. He was the chair of the Faculty Senate from 2008 to 2010.

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PATRICK N. GRIFFIN, PH.D., ’87  
Madden-Hennebry Professor and Chair of History

Patrick Griffin was named the Madden-Hennebry Professor in 2008 and chair of the department in 2011. His work explores the intersection of colonial American and early modern Irish and British history. As such, it focuses on Atlantic-wide themes and dynamics. He has published work on the movement of peoples and cultures across the Atlantic Ocean, as well as the process of adaptation. He also examines the ways in which Ireland, Britain, and America were linked—and differed—during the seventeenth and eighteenth centuries. He has looked at revolution and rebellion, movement and migration, and colonization and violence in each society in comparative perspective.

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VIJAY GUPTA, PH.D.  
Associate Professor, Engineering

Vijay Gupta is an associate professor of electrical engineering at the University of Notre Dame. He received his B. Tech degree from the Indian Institute of Technology, Delhi, and the M.S. and Ph.D. degrees from the California Institute of Technology, all in Electrical Engineering. He received the National Science Foundation CAREER award in 2009, the Ruth and Joel Spira award for excellence in teaching in the Department of Electrical Engineering at the University of Notre Dame in 2010, and the Donald P. Eckman award from the American Automatic Control Council in 2013. His research interests include cyber-physical systems, distributed estimation, detection and control, and, in general, the interaction of communication, computation, and control.

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ALEXANDER J. HAHN, ’68 M.S., ’70 PH.D.  
Professor, Mathematics; Director, Honors Program, College of Science

Alexander Hahn has been professor of mathematics at Notre Dame and chaired that department from 1996 to 2000. He has served as director of the Honors Program of the College of Science since 2000 and directed Notre Dame’s Kaneb Center for Teaching and Learning from 2002 to 2009. His long-standing interests in architecture, art, and connections between elementary mathematics and cultural and intellectual aspects of the human experience are realized in his recent book, Mathematical Excursions to the World’s Great Buildings (Princeton University Press, 2012). Having been born in Austria, German is Hahn’s native language. He is married to Marianne ’87, ’92 M.A., a native of Greece, who teaches German and French at Saint Mary’s College.

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KASTURI HALDAR, PH.D.  
Julius A. Nieuwland, C.S.C., Professor of Biological Sciences; Director, Center for Rare and Neglected Diseases

Before coming to Notre Dame in 2008, Dr. Haldar held academic appointments at Northwestern University’s Feinberg School of Medicine and Stanford University. As the director of the Center for Rare and Neglected Diseases, Haldar works with a wide range of stakeholders in the research and healthcare community to support innovative research and opportunities to translate promising discoveries into therapeutics at the bedside. Haldar is an authority on the mechanisms by which human malaria parasites infect their hosts. Her research also focuses on lipid transport, which is involved in a number of both neurological rare diseases such as Niemann-Pick Type C and neglected diseases of poverty.

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MICHAEL D. HILDRETH, PH.D.
Professor, Physics

Michael Hildreth is a physicist specializing in the study of elementary particles. With degrees from Princeton (A.B., 1988) and Stanford (Ph.D., 1995), he has conducted research at all of the world’s particle physics laboratories, including current activities at CERN, in Geneva, Switzerland, where he works on the Large Hadron Collider. Co-author of more than 700 publications, he has been recognized by the Department of Energy as an Outstanding Junior Investigator. At Notre Dame, Hildreth has received the Rev. Edmund P. Joyce, C.S.C., Award for Excellence in Undergraduate Teaching, the Thomas P. Madden Award as the outstanding first-year professor, and recently won the 2014 Shilts/Leonard Teaching Award in the College of Science.

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EDWARD F. HUMS, M.B.A., ’75
Teaching Professor, Accountancy

Ed Hums was promoted to teaching professor in 2012 after serving eleven years as a full-time faculty member and twelve years as a part-time instructor. He currently teaches financial and managerial accounting to undergraduates, and team teaches a course in the Master of Nonprofit Administration program. He has received numerous awards for his teaching including the Frank O’Malley Teaching Award for Excellence in Undergraduate Teaching. In 2006, Hums was profiled in Businessweek as one of America’s favorite business professors. In 2013 he and his wife, Shirley, accepted the position of Notre Dame’s first faculty-in-residence family and now reside in Lyons Hall.

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LIONEL M. JENSEN, PH.D.
Associate Professor, East Asian Languages and Cultures; Associate Professor, History

Lionel M. Jensen received his Ph.D. in Chinese history from the University of California (Berkeley) and is associate professor of East Asian Languages and Cultures and faculty fellow in the Kellogg Institute for International Studies. He is the author of Manufacturing Confucianism: Chinese Traditions and Universal Civilization and has co-edited and co-authored five other works: Early China 20 (1997), China beyond the Headlines (2000), China Off Center: Mapping the Margins of the Middle Kingdom (2002), China’s Transformations: the Stories beyond the Headlines (2007), and China In and Beyond the Headlines (2012). In 2010, he received the Edmund P. Joyce, C.S.C., Award for Excellence in Undergraduate Teaching.

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RICHARD A. JENSEN, PH.D.
Gilbert F. Schaefer Professor, Economics

Richard Jensen came to Notre Dame in 2000 and served as chair of the Department of Economics for 13 years. His primary areas of expertise are the economics of innovation and environmental economics, and his current research interests include the economics of intellectual property, especially the commercialization of the research of university faculty-inventors, and the bioeconomics of invasive species. His research has been funded by the National Science Foundation, the National Oceanic and Atmospheric Administration, and the Kauffman Foundation, and been published in the American Economic Review, Quarterly Journal of Economics, Journal of Economic Theory, and Management Science.

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TIMOTHY A. JUDGE, PH.D.
Franklin D. Schurz Professor of Management; Associate Dean, Mendoza College of Business

Timothy A. Judge is the Franklin D. Schurz Professor of Management. Previously Judge served on the faculties of Cornell University, University of Iowa, and University of Florida. Judge publishes research on the topics of personality assessment, intelligence, behavioral genetics, job attitudes, work motivation, and career success. Judge is a Fellow of the American Psychological Association, American Psychology Society, and the Academy of Management. The classes Judge teaches include Management Competencies, Leadership and Decision Making, and Staffing Analytics. His research has been featured in newspapers (New York Times, Wall Street Journal, USA Today, Washington Post), television (CNN, ABC, NBC, MSNBC, Fox News, NPR, BBC), and periodicals (Atlantic Monthly, Time, Businessweek, Fortune, Forbes).

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DANIEL KELLY, J.D., ’02
Professor, Law

Dan Kelly is professor of law and co-director of the Law and Economics program. His work focuses on property law and wills, trusts, and estates. A native of Chicago, Kelly graduated from Notre Dame and Harvard Law School. He then clerked for Judge Richard Wesley on the U.S. Court of Appeals for the Second Circuit and practiced law in New York City. At Notre Dame, he also serves as chair of the Elder Law Committee and is a member of the Faculty Board on Athletics.

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KWAN S. KIM, PH.D.
Professor Emeritus, Economics; Fellow, Kellogg Institute for International Studies and Liu Institute for Asian Studies

Kim’s research interest lies in international economics and finance with the focus on the U.S. role in the developing world. His research combines holistic and quantitative analyses, based on fieldwork and consultancy experiences abroad. He has published over 80 articles and book chapters and 14 books that include The Political Economy of Inequality; Growth, Distribution and Political Change; El Ecuador en el Mercado Mundial; Acquiring, Adapting and Developing Technologies in Japan; Industrial Policy and Development in S.Korea, Papers on the Political Economy of Tanzania. His latest book, collaborated with Chinese and Japanese colleagues, concerns China’s development and pollution along with its collateral damage on global environment.

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DONALD P. KOMMERS, PH.D.
Professor Emeritus, Political Science
Donald Kommers is Professor Emeritus, Political Science. The co-author of major textbooks on American and German constitutional law, now in their third editions, he has been a member of Notre Dame’s faculty since 1963. He has also received numerous honors and fellowships over the years, including honorary doctor of law degrees from Germany’s Heidelberg University and St. Norbert College. In 2009, he also won the Berlin Prize from the American Academy in Berlin, and in 2010 Germany’s president awarded him the German Federal Republic’s Distinguished Service Cross (Bundesverdienstkreuz) at a special ceremony in Chicago in recognition of his decades of work on German law and politics.

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GARY A. LAMBERTI, PH.D.
Professor, Biological Sciences
Gary Lamberti is a professor and former chair of the Department of Biological Sciences at the University of Notre Dame. He received his doctorate from University of California - Berkeley in 1983, and has been at Notre Dame since 1989. Lamberti is an aquatic ecologist and environmental scientist whose research focuses on river and wetland ecology, salmon biology, and invasive species. At Notre Dame, Lamberti teaches biostatistics, stream ecology, and restoration ecology, and trains undergraduate and graduate students. He has authored more than 150 scientific publications and has edited a book entitled Methods in Stream Ecology. Lamberti is also a past president of the Society for Freshwater Science.

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DANIEL K. LAPSLEY, PH.D.
Professor and Chair, Psychology
Daniel Lapsley received his Ph.D. in educational psychology at the University of Wisconsin-Madison in 1982. Lapsley is a specialist in adolescent development, moral psychology, and moral education. He is the author or editor of seven books and over 100 articles and chapters on various topics in adolescent and educational psychology. In addition to his duties as department chair, Dr. Lapsley is coordinator of academic programs for the Alliance for Catholic Education. Visit his lab website: www.nd.edu/~dlapse1/Lab.

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Joseph A. Matson Dean Emeritus and Professor of the Law School; President Emeritus of the University of Notre Dame Australia
Father David Link is currently a volunteer chaplain for the Northern Indiana Prisons. Previously he served as the deputy director of Religious and Community Activities for the Indiana Department of Corrections, provost and academic vice president of the St. Augustine University School in South Africa, dean of Law and deputy vice president of the University of St. Thomas, and president of the Centre for Healing and the Law. He was a co-founder of the South Bend Center for the Homeless and serves on the boards of Dismas House, the Miracle of Nazareth Foundation, Skyline Corporation, and World Dignity, Inc. He is a teacher and scholar in the fields of Professional Ethics, University Administration, Rights of the Disadvantaged, International Taxation, and Computers and the Law.

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MICHAEL N. LYKOUSIDS, M. ARCH.
Francis and Kathleen Rooney Dean and Professor, School of Architecture

The Francis and Kathleen Rooney Dean of the School of Architecture, Michael N. Lykoudis has served as professor of architecture at the University of Notre Dame since 1991. He became chair of the school in 2002 and has been serving as dean since 2004. He has devoted his career to the building, study, and promotion of traditional architecture and urbanism. A graduate of Cornell University, Lykoudis earned his master’s degree from the University of Illinois’ joint business administration and architecture program. He is currently co-curating an exhibition in Athens, Greece at the Benaki Museum that addresses the critical issues facing the built environment today.

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EDWARD J. MAGINN, PH.D.
Dorini Family Professor and Department Chair, Chemical and Biomolecular Engineering

Edward Maginn received a B.S. from Iowa State University and a Ph.D. from the University of California (Berkeley), both in chemical engineering. He also worked for a time for Procter and Gamble. He joined the faculty of the University of Notre Dame in 1995. Maginn teaches courses on thermodynamics, molecular modeling, separations, and process design. His research focuses on the use of molecular modeling to design new materials for energy and environmental applications. He has been named teacher of the year in the College of Engineering and has received several national awards for research.

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NELSON MARK, PH.D.
The Alfred C. DeCrane Jr. Professor of International Economics; Acting Director, Liu Institute for Asia & Asian Studies

Nelson Mark came to Notre Dame in 2003 after holding previous positions at The Ohio State University. His research interests include the economics of China, international macroeconomics, and international finance.

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ALEXANDER MARTIN, PH.D.
Professor, History

Alexander M. Martin became hooked on Russian studies as a college sophomore when he first visited the Soviet Union in 1983, and he went on to earn his doctorate in Russian history at the University of Pennsylvania in 1993. Since 2006 he has been at Notre Dame, where he teaches courses in Russian, European, and urban history. He is the author of several books on tsarist Russia, most recently Enlightened Metropolis: Constructing Imperial Moscow, 1762-1855 (Oxford University Press, 2013), which was awarded the Marc Raeff Prize of the Eighteenth-Century Russian Studies Association.

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TIMOTHY M. MATOVINA, PH.D.
Professor, Theology; Executive Director, Institute for Latino Studies

Timothy Matovina is a professor in the Department of Theology and the executive director of the Institute for Latino Studies. His area of primary interest is U.S. Catholicism, particularly Latino theology, history, and religious traditions. He has published numerous popular and scholarly articles and authored or co-edited 16 books, most recently Latino Catholicism: Transformation in America’s Largest Church (Princeton, 2012).

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MARY ANN MCDOWELL, PH.D.
Associate Professor, Biological Sciences
Mary Ann McDowell is an associate professor in the Department of Biological Sciences at the University of Notre Dame and the chair of the Faculty Advisory Committee of the Eck Institute for Global Health. She obtained a B.S. and M.S. from the University of Nebraska and her Ph.D. from the University of Wisconsin-Madison. After a post-doctoral fellowship at the National Institutes of Health, Dr. McDowell joined the Notre Dame faculty in 2001. The teaching and research interests of McDowell focus on the immunobiology of infectious diseases. Her current research program primarily focuses on two vector-transmitted diseases: leishmaniasis and malaria.

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JAMES J. MCKENNA, PH.D.
Rev. Edmund P. Joyce, C.S.C., Chaired Professor in Anthropology; Director, Mother-Baby Behavioral Sleep Laboratory; Fellow, American Association for the Advancement of Science
James McKenna is the Edmund P. Joyce, C.S.C., Chaired Professor in Anthropology and director of the Mother-Baby Behavioral Sleep Laboratory at the University of Notre Dame. He serves on the Health Advisory Board of La Leche League International and is a Fellow in the American Association for the Advancement of Science. He obtained his undergraduate degree at the University of California (Berkeley), his master’s degree in anthropology at San Diego State University, and his Ph.D. in biological anthropology at the University of Oregon-Eugene.

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NICOLE MCNEIL, PH.D.
Alliance for Catholic Education (ACE) Associate Professor, Psychology; Director, Education, Schooling, and Society Minor (ESS); Fellow, Institute for Educational Initiatives (IEI)
Nicole McNeil received her B.S. from Carnegie Mellon, Ph.D. from Wisconsin, and completed a postdoc at Yale. She studies cognitive development, focusing on how children think, learn, and solve problems in mathematics. A key contribution of her work has been to show that relatively minor differences in children’s input can play a central role in shaping understanding of fundamental concepts. She received a Presidential Early Career Award for Scientists and Engineers and the Boyd McCandless Award from the American Psychological Association. McNeil’s research is supported by the Institute of Educational Science and the National Science Foundation.

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KEVIN M. MISIEWICZ, PH.D.
Professor Emeritus, Accountancy
Kevin Misiewicz earned a B.B.A. in accounting from Western Michigan University and a Ph.D. from Michigan State University. He primarily taught tax, financial accounting, and ethics courses at Notre Dame from 1978 to 2011. He also is a former CPA. Misiewicz’s administrative roles included director of the Master of Nonprofit Administration program in the Mendoza College of Business. Misiewicz and his wife received Notre Dame’s Glenville Clark Award for “voluntary activities serving to advance the causes of peace and human rights.” They have eight children, four of whom were adopted, and 21 grandchildren. The Misiewicz’s have been on the presenting teams for over 60 Worldwide Marriage Encounter Weekends.

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SHAHRIAR MOBASHERY, PH.D.
Professor; Navari Family Chair, Life Sciences

Shahriar Mobashery is a biomedical scientist interested in mechanisms of disease processes and how to intervene them by biochemical strategies. He is an expert in antibiotics and resistance to them by bacteria, two areas of interest within his research group. He has published more than 300 articles in professional journals and is the co-editor of a book, Resolving the Antibiotic Paradox: Progress in Understanding Drug Resistance and Development of New Antibiotics. He has served on governmental and public sector advisory panels and boards. He received his B.S. from the University of Southern California in 1981 and his Ph.D. from the University of Chicago in 1985.

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MARISEL C. MORENO, PH.D.
Associate Professor, Latino/a Literature

Marisel Moreno is an associate professor of Latino/a Literature in the Department of Romance Languages and Literatures at Notre Dame. She was a recipient of the American Association of University Women Women Fellowship in 2009-2010. Her first book, Family Matters: Puerto Rican Women Authors on the Island and the Mainland, was published as part of the New World Series by the University of Virginia Press. In 2011, she received the Indiana Governor’s Award for Service-Learning. Professor Moreno's teaching and research interests include Latino-Caribbean authors (Puerto Rican, Dominican, and Cuban authors in the U.S.), Afro-Latinos, and the so-called “Other” Latinos (Salvadorans, Guatemalans, and Peruvians).

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VINCENT PHILLIP MUÑOZ, PH.D.
Tocqueville Associate Professor of Political Science; Concurrent Associate Professor, Law


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PATRICK E. MURPHY, PH.D., ’70
Professor, Marketing

Patrick Murphy, professor of marketing, has been a member of the University of Notre Dame faculty since 1984. He is a former chair of the Department of Marketing and was a Fulbright Scholar at the University College Cork in Ireland (1993-94). Before coming to Notre Dame, Murphy taught at Marquette University. He holds a B.B.A. from Notre Dame, an M.B.A. from Bradley University, and a Ph.D. from the University of Houston. Murphy specializes in business and marketing ethics. In 2011, he was recognized by the American Marketing Association with a Lifetime Achievement Award for his contributions to the field.

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JOHN C. NAGLE, J.D.
Professor; The John N. Matthews Chair in Law

John Nagle teaches, writes about, and has practiced environmental law. His book, Law's Environment: How the Law Affects the Environment, was published by Yale University Press in 2010. One of his current book projects examines the relationship between Christian teaching and environmental law; the other forthcoming book explains the scenic value of national parks. Before joining the Notre Dame faculty, Nagle worked in the U.S. Department of Justice and served as a law clerk to Judge Deanell Reece Tacha of the U.S. Court of Appeals for the 10th Circuit. He is a graduate of Indiana University and the University of Michigan Law School.

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ROBERT C. NELSON, PH.D., ’64, ’66 M.S.
Professor, Aerospace and Mechanical Engineering

Robert Nelson received his B.S. and M.S. degrees in aerospace engineering from the University of Notre Dame (1964, 1966) and his Ph.D. in aerospace engineering from Pennsylvania State University (1974). Before joining Notre Dame, Nelson was an instructor of aerospace engineering at Penn State and later worked as an engineer at the U.S. Air Force Flight Dynamics Laboratory at Wright Patterson Air Force Base in Ohio. In 1975, he joined the faculty at Notre Dame. His teaching and research interests include aerodynamics, flight dynamics of aircraft, and wind turbine control and performance.

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WALTER J. NICGORSKI, PH.D.
Professor Emeritus, Program of Liberal Studies; Concurrent Professor, Political Science

Walter Nicgorski joined the Notre Dame faculty in 1964, having done his M.A. and Ph.D. at the University of Chicago. He has been the editor of The Review of Politics (1994-2004) and has been chair of the Program of Liberal Studies, Notre Dame’s 65-year-old Great Books Program. He has been a visiting scholar at Harvard University and at Cambridge University, as well as a visiting tutor in the Graduate Institute of St. John's College (Santa Fe, N.M.). He has published essays and books on Cicero, liberal and character education, American political foundations, Leo Strauss, Yves Simon, and Allan Bloom.

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JONATHAN NOBLE, PH.D.
Assistant Provost for Internationalization (Asia), ND International; Executive Director, Liu Institute for Asia and Asian Studies; Director, Beijing Global Gateway; Fellow, Kellogg Institute of International Studies

As assistant provost for Asia within Notre Dame International, Jonathan leads the development of the University’s academic collaborations and programs in Asia. He directs Notre Dame’s Beijing Global Gateway and serves as the Executive Director of the Liu Institute for Asia and Asian Studies. Holding a Ph.D. in East Asian languages and literatures from The Ohio State University, his research focuses on Chinese culture and society. He is the author of some 50 articles and translations and was one of 20 China scholars in the United States selected for the National Committee on United States-China Relations’ Public Intellectual Program.

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THOMAS F. NOBLE, PH.D.
Professor Emeritus, History; Fellow, Nanovic Institute for European Studies

Thomas Noble, a graduate of Ohio University and Michigan State, is Andrew V. Tackes Professor of History and formerly chair of the Department of History and director of the Medieval Institute. He has published and lectured wildly on Europe and the papacy. He has held numerous fellowships, been a member of the Institute for Advanced Study (Princeton), and is a Fellow of the Medieval Academy of America. In 1999, he won the University of Virginia’s Alumni Distinguished Professor Award, in 2008 Notre Dame’s Edmund P. Joyce, C.S.C., Award for Excellence in Undergraduate Teaching, and in 2011 the Charles Sheedy, C.S.C., Award for Excellence in Teaching in the College of Arts and Letters.

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REV. RONALD J. NUZZI, PH.D.
Senior Director, The Alliance for Catholic Education (ACE)

Father Ron Nuzzi, a priest of the Diocese of Youngstown, Ohio, currently serves as a senior director in the Alliance for Catholic Education (ACE), where he leads a new initiative to renew the faith and evangelical zeal of Catholic educators. He was the founding director of the Mary Ann Remick Leadership Program, coming to Notre Dame in 2002. Nuzzi holds a Ph.D. in educational leadership and graduate degrees in theology, philosophy, and educational administration. He has conducted two research tours at the Vatican’s Congregation for Catholic Education and did research on seminaries for the U.S. Catholic Conference of Bishops (USCCB). He has authored and edited numerous books on Catholic education and has completed several national studies focused on pastors, principals, and the use of buildings that once housed Catholic schools. He has been a visiting professor at the University of Notre Dame Fremantle in Western Australia and has addressed Catholic educators throughout the U.S., Canada, Australia, Ireland, and Mexico.

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PATRICIA A. O’HARA, ’74 J.D.
Professor, Law

Patricia O’Hara joined the faculty of Notre Dame Law School in 1981, received tenure in 1987, and became a full professor in 1990. That same year she was elected by the University’s Board of Trustees as vice president for Student Affairs, the first woman to serve as an officer of the University. In 1999 she became dean of the Law School and served in that capacity for 10 years. Professor O’Hara returned to the faculty in 2010-2011. Her areas of specialty include corporate law and higher education. She is a member of the advisory board of the Alliance for Catholic Education.

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SUSAN C. OHMER, PH.D.
Associate Professor, Film, Television, and Theatre; the William T. Carey and the Helen Kuhn Carey Chair in Modern Communications

Dr. Ohmer teaches classes in film and television history, including “Film and Digital Culture” and “Media and Presidential Elections.” Her research focuses on the industrial and organizational aspects of media companies. Her first book, George Gallup in Hollywood, examines the use of market research in the film industry, and she is completing a book on the Disney studio during the 1940s. As an administrator, she has served as a Provost’s Fellow (2007-2009), as assistant provost (2009-2011), as interim director of the Hesburgh Libraries (2010-2011), and as director of Digital ND (2011-2013).

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ATALIA OMER, PH.D.  
Associate Professor, Religion, Conflict, and Peace Studies

Atalia Omer earned her Ph.D. (November 2008) from the Committee on the Study of Religion at Harvard University. Her research interests include the theoretical study of the interrelation between religion and nationalism; religion, nationalism, and peacebuilding; the role of national/religious/ethnic diastras in the dynamics of conflict transformation and peace; and multiculturalism as a framework for conflict transformation and as a theory of justice. Her first book, When Peace is Not Enough: How the Israeli Peace Camp Thinks about Religion, Nationalism, and Justice (University of Chicago Press, 2013), examines the way the Israeli peace camp addresses interrelationships between religion, ethnicity, and nationality, and how it interprets justice vis-à-vis the Palestinian conflict.

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REV. HUGH R. PAGE JR., PH.D.
Vice President, Associate Provost, Undergraduate Affairs; Dean, First Year Studies; Associate Professor of Theology and Africana Studies

A graduate of Hampton University (B.A., History, 1977); the General Theological Seminary (M.Div., 1980; STM, 1983); Harvard University (M.A., Near Eastern Languages, 1988; Ph.D., Near Eastern Languages, 1990); and the Graduate Theological Foundation (D.Min., Applied Ministries, 2006), his interests include: early Hebrew poetry; ancient myth; Africana biblical hermeneutics and esotericism; and Anglican spirituality. He is an Episcopalian priest, poet, musician, photographer, martial artist, and certified tennis teaching professional.

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JOSEPH E. O'TOUSA, PH.D.
Professor, Biological Sciences

Joseph O'Tousa graduated from the University of California, Irvine and obtained a Ph.D. in Genetics from the University of Washington. He worked at Purdue University before moving to a faculty position in Biological Sciences here at the University of Notre Dame. His research interests center on visual systems typically using insect models to understand genetic causes of retinal degeneration and the capabilities of visual systems to repair damage and reestablish neuronal connectivity. One focus is the unique properties of mosquito visual systems. His research employs multiple experimental approaches, including proteomics, molecular biology, cell biology, genetics, and biochemistry.

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F. CLARK POWER, ED.D.
Professor, Program of Liberal Studies; Director, Play Like A Champion™; Concurrent Professor, Psychology; Fellow, Institute for Educational Initiatives

F. Clark Power has been teaching in the Program of Liberal Studies at the University of Notre Dame for more than 30 years. He also is a concurrent professor of psychology; a fellow of the Institute for Educational Initiatives; and founder of the Play Like A Champion™ Program for youth sports coaches and parents. He received an Ed.D. in human development from Harvard University’s Graduate School of Education in 1979. His research and writing focus on moral development.

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MICHAEL J. PRIES, PH.D., ’93
Associate Professor, Economics

Michael Pries joined the Department of Economics in 2007. His primary field of research is macroeconomics, with a focus on labor markets. His current research focuses on amplification and persistence of shocks to the labor markets and on cross-country differences in labor market performance. He teaches macroeconomics at both the graduate and undergraduate levels and teaches an undergraduate course in financial economics. Pries has published in the Journal of Political Economy, the Review of Economic Studies, the European Economic Review, the Review of Economic Dynamics, and the Journal of Economic Dynamics and Control.

VERA B. PROFIT, PH.D.
Professor Emerita, German and Comparative Literature

Vera Profit earned her Ph.D. in Comparative Literature (French and German) at the University of Rochester, NY, and spent two years studying abroad: one at the University of Vienna, the other at the Sorbonne. In August 2014, Rodopi of Amsterdam (now Brill) published her latest monograph: The Devil Next Door: Toward a Literary and Psychological Definition of Human Evil. Prior to the publication of The Devil Next Door, Profit presented excerpts from the work in progress at conferences both here and abroad. The venues ranged from the Anglo-American College in Prague and the Universities of Innsbruck, Roskilde and Ghent to the Oxford Round Table. During her tenure at Notre Dame, she was twice recognized for excellence in teaching.

LINDA PRZYBYSZEWSKI, PH.D.
Associate Professor, History; Concurrent Professor, Law


GABRIEL SAID REYNOLDS, PH.D.
Professor, Theology

Reynolds is the author of The Qur’an and Its Biblical Subtext (Routledge 2010) and The Emergence of Islam (Fortress, 2012). At Notre Dame, Reynolds teaches classes including “Foundations of Theology,” “Islam and Christian Theology,” “The Qur’an and Its Relation to the Bible,” “The Holy Land,” and “Islamic Origins.” Outside of Notre Dame he has conducted research and delivered lectures in cities throughout the Middle East, including Ankara, Cairo, Jerusalem, Beirut, Damascus, and Tehran. Gabriel and his wife Lourdes have four children: Luke, Emmanuel, Theresa, and René.

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Hesburgh Lecture Series | 2016 Program
ROBIN F. RHODES, PH.D.
Associate Professor, Art, Art History, Design; Concurrent Associate Professor, Classics

Robin Rhodes is an archaeologist and historian of classical art and architecture. His most recent work includes the final preparation of a monograph on the earliest monumental temple in Greece, The Seventh Century Temple on Temple Hill in Corinth, and the collaborative creation and curation of an exhibit of the Athenian Acropolis. Other recent work includes the publication of edited volumes on The Acquisition and Exhibition of Classical Antiquities: Professional, Legal and Ethical Perspectives and Eclectic Antiquity: The Classical Collection of the Snite Museum of Art. His book, Architecture and Meaning on the Athenian Acropolis (Cambridge U Press) is in its fifth printing. Before coming to Notre Dame, he taught at Yale University, Columbia University, and Bowdoin College.

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KAREN E. RICHMAN, PH.D.
Director, Migration and Border Studies, Institute for Latino Studies; Concurrent Associate Professional Specialist, Anthropology

Karen Richman is a cultural anthropologist. Her areas of research, scholarship, and teaching are immigration, culture, and religion in Haitian and Mexican transnational communities. She is the author of Migration and Vodou (2005), a multisided ethnography of a transnational Haitian community and of numerous articles and book chapters on Haitian and Mexican migration, family, religion, and expressive culture. Richman won the 2009 Heizer award for the best article in the field of ethnohistory for her article, Innocent Imitations? Mimesis and Alterity in Haitian Vodou Art. She is director of Academic Affairs in Latino Studies, a member of the Anthropology Department, and a Fellow of the Kellogg Institute for International Studies.

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JUAN M. RIVERA, PH.D.
Professor Emeritus, Accounting; Fellow, Kellogg Institute for International Studies

Juan Rivera is a certified public accountant with areas of expertise in international financial reporting, foreign exchange risk, and international taxation. He has been the recipient of two Fulbright Fellowships, to Panama (1986) and to Mexico (2001), and of a three-year grant from USAID to promote social enterprises and business opportunities for small-scale agricultural producers. He is the lead editor of the book NAFTA and the Campesinos: The Impact of NAFTA on Small Agricultural Producers in Mexico and Prospects for Change, published by Scranton University Press in December of 2008.

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MARK W. ROCHE, PH.D.
Rev. Edmund P. Joyce, C.S.C., Professor of German Language and Literature; Concurrent Professor, Philosophy

Mark W. Roche is the Rev. Edmund P. Joyce, C.S.C., Professor of German Language and Literature and concurrent professor of Philosophy. In 2006, he received the Kaneb Teaching Award and in 2013 the Joyce Teaching Award. Among his books are Why Choose the Liberal Arts?, which received the 2012 Frederic W. Ness Book Award from the Association of American Colleges and Universities, and Why Literature Matters in the 21st Century, which was chosen as an Outstanding Academic Title by Choice Magazine. Roche served as the I. A. O’Shaughnessy Dean of the College of Arts and Letters from 1997 to 2008.

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CHARLES M. ROSENBERG, PH.D.
Professor Emeritus, Art History

Charles Rosenberg, professor emeritus of art history at the University of Notre Dame, joined the faculty in 1980. An internationally recognized authority on Italian Renaissance and Baroque art, Rosenberg has held numerous national fellowships, including ones to the Harvard University Center for Italian Renaissance Studies in Florence and the American Academy in Rome. The author of several dozen articles and reviews, Rosenberg has also published a book on art and politics in Renaissance Ferrara. He is the editor of a book on art and patronage in six northern Italian Renaissance cities and has just completed a catalog of Notre Dame’s collection of Rembrandt’s religious prints.

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DEBORAH L. ROTMAN, PH.D.
Director, Center for Undergraduate Scholarly Engagement (CUSE)

Dr. Deb Rotman is the Paul and Maureen Stefanick Faculty Director of the Center for Undergraduate Scholarly Engagement (CUSE). Her archaeological research focuses on nineteenth-century Irish immigrant enclaves in the Midwest and includes archival research and oral history collection in both the U.S. and Ireland. She received her B.A. from Grand Valley State University (1993), M.A. from Western Michigan University (1995), and Ph.D. from the University of Massachusetts, Amherst (2001). In 2011, Dr. Rotman was awarded the prestigious Rev. Edmund P. Joyce, C.S.C., Award for Excellence in Undergraduate Teaching. Professor Rotman teaches for Anthropology, Irish Studies, and Gender Studies.

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RANDAL C. RUCHTI, PH.D.
Professor, Physics

Randy Ruchti specializes in particle physics, detector development, and science education. As a member of the CMS experiment at CERN (Geneva, Switzerland), Ruchti and CMS recently discovered a new fundamental particle called a Higgs Boson, thought to be important to our understanding of mass. To study such fundamental objects, Ruchti has pioneered the development of optical fiber detectors that have been utilized on several major experiments in the U.S. and Europe. Ruchti is also a co-founder of QuarkNet, a National Science Education project that partners high school teachers and students with research physicists in the United States and worldwide.

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O. CARTER SNEAD, J.D.
Professor, Law; W.P. and H.B. White Director of the Notre Dame Center for Ethics and Culture

Professor Snead is an internationally recognized expert in Public Bioethics—the governance of science, medicine, and biotechnology in the name of ethical goods. He is the author of over 40 published works exploring issues relating to neuroethics, enhancement, stem cell research, abortion, and end-of-life decisionmaking. He has advised officials in all three branches of the federal government. Among other posts, he served as General Counsel to the President’s Council on Bioethics (2002-2005).

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REV. THOMAS G. STREIT, C.S.C., ’80, ’85 M.DIV., ’91 M.S., ’94 PH.D.
Founder, Notre Dame Haiti Program

Rev. Tom Streit, C.S.C., works in Haiti studying transmission dynamics for the exotic parasitic disease lymphatic filariasis, which is a leading cause of elephantiasis and disability worldwide. Streit had a vision that social and natural science, law, and business students, faculty, and alumni could, working from a Gates-funded facility near Port-au-Prince, be engaged to help eradicate the disease by 2020. The leadership of the University/College of Science has helped identify more than $17 million in support of a campaign which, in keeping with the Church’s/Notre Dame’s mission, puts our powerful operational research apparatus at the service of the poor.

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DUNCAN G. STROIK, M.ARCH.
Professor, Architecture

Duncan G. Stroik is a practicing architect and professor of Architecture at the University of Notre Dame. His built work includes the Our Lady of the Most Holy Trinity Chapel in Santa Paula, California, the Shrine of Our Lady of Guadalupe in La Crosse, Wisconsin, and the restoration of Saint Joseph Cathedral in Sioux Falls, South Dakota. Professor Stroik edits the journal Sacred Architecture and his recent book is The Church Building as a Sacred Place: Beauty, Transcendence, and the Eternal.

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**JAMES X. SULLIVAN, PH.D., ’93**  
Associate Professor, Economics

Jim Sullivan is the McDonough associate professor of Economics at the University of Notre Dame, and a research affiliate of the National Poverty Center. His research examines the consumption, saving, and borrowing behavior of the poor in the U.S.; the impact of welfare and tax policy; and poverty measurement. In 2012, Sullivan co-founded the Lab for Economic Opportunities, a research center that partners with Catholic Charities and other service providers to evaluate program impact and identify effective and replicable solutions to reduce poverty in America. He received his B.A. from Notre Dame and his Ph.D. from Northwestern University.

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**JENNIFER L. TANK, PH.D.**  
Ludmilla F., Stephen J., & Robert T. Galla Professor of Biological Sciences

Dr. Jennifer Tank is the Ludmilla F., Stephen J., and Robert T. Galla Professor of Biological Sciences at the University of Notre Dame. She is also the director of the Notre Dame Linked Experimental Ecosystem Facility. She studies the cycling of nutrients in stream and rivers with a focus on the restoration of ecosystem function in impacted systems. She also leads a multidisciplinary group of researchers examining the effect of agricultural land use on freshwater as part of the Notre Dame Environmental Change Initiative. It is her goal to translate this research to inform effective management of streams and rivers.

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**LEE A. TAVIS, PH.D., ’53**  
The C.R. Smith Professor Emeritus, Finance; Fellow, Joan B. Kroc Institute for International Peace Studies; Fellow, Kellogg Institute for International Studies

Lee Tavis is the C.R. Smith Professor of Finance Emeritus and a Fellow for the Joan B. Kroc Institute for International Peace Studies and Kellogg Institute for Peace Studies. His research focuses on business planning models and the potential contribution of multinational firms for development in Africa, Asia, Eastern Europe, and Latin America. Before joining the University of Notre Dame faculty, Tavis was a professor of finance at the University of Texas at Austin, the research coordinator for the International Center for the Advancement of Management Education at Stanford University, an associate consultant for McKinsey and Company, and a naval aviator.

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**ANTHONY M. TROZZOLO, PH.D.**  
Huisking Professor Emeritus of Chemistry and Biochemistry


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EUGENE C. ULRICH, PH.D.
Professor Emeritus John A. O’Brien
Chair, Hebrew Scripture, Theology

Eugene Ulrich received his Ph.D. from Harvard University and taught at the University of Notre Dame from 1973 to 2013. A member of the American Academy of Arts and Sciences, he is Chief Editor of the Biblical Dead Sea Scrolls for Oxford University Press and was elected president of the Catholic Biblical Association for 2002-03. He serves as a member of the Bible revision committees for both the New Revised Standard Version, and the New American Bible: Revised Edition, and has recently co-authored The Dead Sea Scrolls Bible.

JOEL E. URBANY, PH.D.
Professor, Marketing

Joe Urbany (Ph.D., The Ohio State University) is a professor of marketing in the Mendoza College of Business. His research has been cited in U.S. News and World Report, MSNBC, the Wall Street Journal, UPI, and in other international media, and has received several distinctions, including a #6 ranking in a 2012 analysis of over 2,000 authors contributing to research in pricing in marketing journals between 1980 and 2010. He has won teaching recognitions at several universities, and is co-founder of 3CircleGrowth, LLC, a start-up which commercializes a proprietary model of growth strategy.

DOMINIC O. VACHON, PH.D., ’80, ’85 M.DIV.
Director, Ruth M. Hillebrand Center for Compassionate Care in Medicine

Dominic Vachon is the director of the Ruth M. Hillebrand Center for Compassionate Care in Medicine in the College of Science, dedicated to advancing the scientific theory and practice of compassionate care in medicine. Vachon graduated from Notre Dame with bachelor’s degrees in psychology and philosophy in 1980 and a Master of Divinity in 1985. In 1993, he received a Ph.D. in Counseling Psychology from Loyola University, Chicago. Vachon does research in empathy and burnout, physician communication, and the role of spirituality in helping others; he teaches courses in the science of compassion, spiritualities of caring, and medical counseling skills.

JAMES C. VANDERKAM, PH.D.
John A. O’Brien Chair and Professor of Theology (Old Testament)

James VanderKam earned a Ph.D. from Harvard University in 1976, and taught at North Carolina State University for 15 years before coming to Notre Dame in 1991. In the last two decades, his research has focused on the Dead Sea Scrolls, concentrating on publishing and interpreting them. He has edited 13 volumes of scrolls in the official series Discoveries in the Judean Desert, has written The Dead Sea Scrolls Today and co-authored The Meaning of the Dead Sea Scrolls. He also is the editor-in-chief of the Encyclopedia of the Dead Sea Scro., and was editor of the Journal of Biblical Literature.

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CHRISTOPHER J. WALLER, PH.D.
Professor, Economics; Fellow, Kellogg Institute for International Studies; Fellow, Nanovic Institute for European Studies

Christopher Waller is professor of economics. He was the Gilbert Schaefer Chair of Economics (2003-2011). Prior faculty appointments include the C. M. Gatton Chair, University of Kentucky and Indiana University. Currently, he is on leave as Senior Vice President and Research Director of the Federal Reserve Bank of St. Louis where he is the primary policy advisor to the President and attends the FOMC meetings in Washington, D.C. His research interests include monetary policy, monetary theory, and the political economy of central banking. He has been a visiting scholar at the Federal Reserve System and the Central Intelligence Agency.

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MITCHELL R. WAYNE, PH.D.
Professor, Department of Physics

Mitchell Wayne is a professor of physics specializing in experimental particle physics. Previously, he served as chair of the Department of Physics and as an associate dean of the College of Science. He received his B.S., M.S., and Ph.D. from the University of California, Los Angeles. Professor Wayne’s teaching has been recognized with a Kaneb Teaching Award and the Shilts-Leonard Teaching Award. He also is the principle investigator of QuarkNet, a renowned national physics education and outreach program. Professor Wayne is particularly interested in new techniques for particle detectors and in searches for physics beyond the “standard model.”

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REV. OLIVER F. WILLIAMS, C.S.C., PH.D., ’61, ’69 M.A.
Associate Professor, Management; Fellow, Joan B. Kroc Institute for International Peace Studies; Director, Center for Ethics and Religious Values in Business

Oliver Williams is a faculty member of the Mendoza College of Business and is director of the Center for Ethics and Religious Values in Business. Williams is the editor or author of 20 books as well as numerous articles on business ethics in journals. He served as an associate provost of the University of Notre Dame and is a past chair of the Social Issues Division of the Academy of Management. In 2006, he was appointed a member of the three-person Board of Directors of the United Nations Global Compact Foundation. He has served as a visiting professor in the University of Cape Town and Stellenbosch University in Africa and Kyung Hee University in Korea. He is an ordained priest in the Congregation of Holy Cross.

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Notre Dame Alumni Association
100 Eck Center
Notre Dame, IN  46556

my.nd.edu/hesburghseries
Phone: 574-631-8693
Email: alumaced@nd.edu