NEW FACULTY 2011

80 NEW FACULTY MEMBERS JOINED THE NOTRE DAME FAMILY THIS FALL

COLLEGE OF ARTS AND LETTERS

Megan Andrew



Assistant Professor, Sociology Interests: Education, social stratification, social psychology, quantitative methods Courses: Sociology of

Higher Education Recent position/

institution: Robert Wood Johnson Scholar in Health Policy Research Fellow, University of

Education: B.S., Utah State University; M.A., Ph.D., University of Wisconsin

Why Notre Dame: I came to Notre Dame because I wanted to be part of a dynamic institution continuing to develop its research mission. There are a lot of resources here to conduct my research, not least of which are the great faculty and the Center for Research on Educational Opportunity.

Mostafa Atamnia



Assistant Professional Specialist, Classics Interests: Arabic studies, human rights and North African culture Courses: Two sections of first-year Arabic and two sections of second-year Arabic

Recent position/institution: Arabic preceptor on the Ali Abdurahman Al-Turki Endowment at Harvard University

Education: J.D., University of Algiers, Algeria Why Notre Dame: Because Notre Dame is a Catholic academic community of higher learning, and because of its dedication to the pursuit and sharing of truth for its own sake. Also because of its distinctive goals to provide a forum where, through free inquiry and open discussion, the various lines of Catholic thought may intersect with all the forms of knowledge found in the arts, sciences, professions and every other area of human scholarship and creativity.

Zygmunt G. Baranski



Notre Dame Professor of Dante and Italian Studies, Romance Languages and Literatures

Interests: I work primarily in the area of medieval Italian literature with particular reference to Dante. I also carry out

research on modern Italian culture. Courses: Dante's Divine Comedy: The Christian Universe as Poetry

Recent position/institution: Serena Professor of Italian University of Cambridge: Fellow of Murray Edwards College

Education: B.A., University of Hull Why Notre Dame: There are two main reasons: 1) Notre Dame is rapidly becoming the major international center for the study both of Italian culture in general and Dante in particular; 2) I have spent most of my life (nearly 40 years) as an academic studying Catholicism's major poet, Dante Alighieri; it thus seemed more than appropriate that I should bring my studies on Dante to a close at a leading Catholic university.

Jaimie Bleck



Assistant Professor, Political Science Interests: African politics, democratization, social service provision and citizenship Courses: Globalization in Africa; Democracy and Citizenship in Africa

(junior seminar); Field Research Methods (graduate student seminar)

Recent position/institution: I just completed my Ph.D. at Cornell University. Education: B.A, University of Chicago; M.A.,

Ph.D., Cornell University Why Notre Dame: I am very excited to join a group of interdisciplinary scholars working on Africa at the Kellogg Institute. I was attracted to Notre Dame's commitment to human development and social justice.

Francesca Bordogna



Associate Professor, Program of Liberal Studies and History and Philosophy of Science Program **Interests:** The study of the relationships between science and philosophy,

especially the philosophy

of pragmatism.

Courses: Natural science tutorials and Great Books seminars in the Program of Liberal Studies; history of science courses in the History and Philosophy of Science program; Natural Science 2, a lecture course examining ancient and early-modern science and medicine Recent position/institution: Associate Professor, Department of History and Program in Science in Human Culture, Northwestern

Education: Laurea, University of Milan; Ph.D., University of Chicago

Why Notre Dame: There are many reasons why I am excited to return to Notre Dame, where I had the privilege of teaching in 1999-2000. As a Catholic, I believe that Catholicism has both much to say about science and much to gain from a continued conversation with scientists. Scholars who examine science from the perspectives provided by the humanities have much to contribute to such conversations, and the University provides a unique institutional setting for making such exchanges possible and productive. Last, but not least, I have missed the combination of intellectual curiosity, religious ideals and ethical commitment which makes Notre Dame students a pleasure to teach.

Tatiana Botero-Jauregui



Special Professional Specialist, Romance Languages and Literatures Interests: Second language acquisition and foreign language teaching, with a particular focus on teaching language through

Courses: Intermediate Spanish I Recent position/institution: Senior Lecturer, Vanderbilt University

Education: B.A., M.A., West Virginia

Why Notre Dame: I am thrilled to join Notre Dame. Ever since my first visit I felt at homeeveryone is so warm and welcoming. You can feel the Notre Dame family spirit among students, faculty and staff. This is the place to be!

Elizabeth Gibbons Capdevielle



Assistant Professional Specialist, University Writing Program Interests: Rhetoric and ethics, medieval literature, hagiography and intercessory prayer Courses: Writing and Rhetoric

Recent position/institution: Visiting Assistant Professional Specialist, University of Notre

Education: B.A., Saint Louis University; M.A., St. John's College; Ph.D. candidate, University of Wisconsin-Madison

Why Notre Dame: I feel at home at Notre Dame. The best argument for the value of my course is made for me by the Notre Dame mission statement, which directs all of us at Notre Dame to make learning become "service to justice": My course teaches that excellence in writing and rhetoric will demand responsiveness to others' values and interests, along with fidelity to the truth. Good writing humanizes writers and readers alike. Personally, as a Catholic, I feel my faith refreshed and supported by Notre Dame's beautiful Catholic culture.

Catherine Cavadini



Assistant Professional Specialist, Theology Interests: Medieval biblical interpretation Courses: Foundations of Theology: Biblical and Historical Recent position/ institution: Teaching

Scholar, University of Notre Dame **Education:** B.A., University of Notre Dame; M.T.S., Duke University; Ph.D., University of

Why Notre Dame: Notre Dame is home to the premier theology department in the country. Here, as nowhere else, faith and reason come together in the intellectual pursuit of "faith seeking understanding.'

Anjan Chakravartty



Professor, Philosophy **Interests:** Philosophy of science and metaphysics, including topics in the philosophy of physics and biology

Courses: Truth, falsehood and social construction in the context of scientific

knowledge; scientific modeling, representation and taxonomy; causation and laws of nature Recent position/institution: Director of and Associate Professor in the Institute for the History and Philosophy of Science and Technology at the University of Toronto, crossappointed to the Department of Philosophy Education: B.Sc., M.A., University of Toronto; M.Phil., Ph.D., University of Cambridge Why Notre Dame: It's hard to imagine a better place to be a philosopher than Notre Dame, with its deep commitment to philosophy and so many distinguished colleagues. I look forward to contributing toward the excellent work of the program in history and philosophy of science.

Ann-Marie Conrado



Assistant Professor, Art, Art History, & Design Interests: Social design Courses: Visual Dialogue: Drawing for Designers; Product Design 1; Product Design Research; Advanced Product Design Recent position/

institution: Working in industry as a product design and research consultant with international clientele including Panasonic, Starbucks, Namco-Bandai and Bayer Education: B.F.A., University of Notre Dame; M.A., University of Chicago

Why Notre Dame: My interest in utilizing the power and promise of design thinking to address social and humanitarian concerns reflects the highest ideals of Notre Dame's mission and Catholic social teachings. Being able to both prepare students to meet the demanding technica and creative proficiencies of our industry while directing their energies toward serving society's most disadvantaged is combination uniquely suited to the distinct character of our community. It's an honor to teach at Notre Dame and well worth leaving industry for the opportunity to do

Celia Deane-Drummond



Chester, U.K.

Professor, Theology, College of Arts and Letters and College of Science Interests: Theology and the biosciences, ecotheology, environmental ethics,

bioethics, public theology, development and sustainability Courses: Science and Wisdom; Bioethics; Environmental Ethics; Ecotheology Recent position/institution: Professor in theology and the biosciences, University of

Education: B.A. / M.A., University of Cambridge; Ph.D., University of Reading, U.K.; B.A., Council of National Academic Awards, U.K.; Ph.D., Manchester Victoria, U.K.; PGCE, Manchester Metropolitan, U.K. Why Notre Dame: As a jointly funded appointment between the College of Science and Arts and Letters, this post provided a perfect opportunity to develop my research and teaching interests. I am also delighted to be housed in the department of theology and particularly look forward to contributing to building ... the theology and science [division] of the history and philosophy of science doctoral program. Further opportunities to work with Catholic Relief Services, alongside a warm, welcoming environment and peers with outstanding intellectual capability, meant that Notre Dame was the obvious choice.

Carlos A. Jauregui



Associate Professor of Romance Languages and Literatures **Interests:** Colonial studies; 19th-century Latin American literature; postcolonial theory and cultural history **Courses:** Going Native

and the Colonial Imagination Recent position/institution: Associate Professor of Latin American literature and anthropology, Vanderbilt University Education: Law Degree, Universidad Externado de Colombia, Bogotá, Colombia; M.A., West Virginia University; Ph.D., University of Pittsburgh

Why Notre Dame: After my first campus visit it became clear to me that I wanted to be part of Notre Dame's community. I like the fact that faculty and students aren't afraid of the big questions here, questions about ethics, social justice, human rights, and don't abandon them for micro-specialization.

Terence Johnson



Instructor, Economics **Interests:** Microeconomic theory, game theory and market design Courses: Microeconomic Theory, Game Theory Recent position/ institution: Graduate Assistant, University of

Maryland Education: B.A., Syracuse University; Ph.D., University of Maryland

Why Notre Dame: I chose to come to Notre Dame because it offers many incredible opportunities to pursue ambitious and interesting research, teach challenging and interesting material to excellent students, and participate in a vibrant academic community.

Edward Jurkowitz



Assistant Professional Specialist, Reilly Center for Science, Technology and Values; Assistant Director, History and Philosophy of Science Program **Interests:** History of Science, especially history

Courses: Science, Technology and Society; Fundamental Concepts of Natural Science; Science, Epistemology and Social Visions **Recent position/institution:** Research fellow, Max Planck Institute for the History of Science, and Fritz Haber Institute of the Max Planck Society, Berlin, Germany Education: B.A., Harvard University; M.A.

Why Notre Dame: I came to Notre Dame to help expand the great undergraduate minor program, Science, Technology and Values, one in which students explore the complex, shifting intersections between science and society, and am excited to contribute to the vibrant, diverse scholarship pursed by faculty and graduate students associated with the History and Philosophy of Science program. All in all, Notre Dame is a wonderful place for a historian of

Ph.D., University of Toronto

Declan Kiberd



Donald and Marilyn Keough Professor of Irish Studies

Interests: Irish writing Courses: James Joyce; Wilde and Synge; Art and Subversion

Recent position/ institution: Professor of

Anglo-Irish Literature and Drama, University College Dublin

Education: B.A., Trinity College Dublin; D.Phil., Oxford University

Why Notre Dame: I was aware of the global profile of the Irish Studies program. I work both in English and Irish languages, so the bilingual nature of the program appeals greatly. The many disciplines reflected in Irish Studies at Notre Dame will also be invaluable in allowing me to pursue interests in the relation between art and society.

Jason Lahr



Assistant Professor, Art, Art History, & Design **Interests:** Narrative painting that utilizes written texts and appropriated images to address notions of working-class masculinity Courses: Painting 1;

Multilevel Painting; M.F.A. independent studies

Recent position/institution: Visiting Assistant Professor, University of Notre Dame Education: B.F.A., Clarion University; M.F.A., Penn State University

Why Notre Dame: I chose Notre Dame because of my desire to be in a university environment offering unparalleled support and enthusiasm for research while maintaining a strong emphasis in teaching and service. When coupled with the superior caliber of faculty and students, the resources available on campus, and Notre Dame's strong liberal arts tradition, the decision was an easy one to make.

Amy G. Langenkamp



Assistant Professor, Sociology **Interests:** Processes of inequality within schools, especially how inequality is replicated or diminished across school transitions Courses: Understanding Societies

Recent position/institution: Assistant Professor in the Department of Sociology, Georgia State University

Education: B.A., Villanova University; M.A., Ph.D., University of Texas at Austin Why Notre Dame: I chose to come to Notre Dame because, within the Institute of Educational Initiatives and the Center for Research on Educational Opportunity, there is a community of scholars at the forefront of research on education and educational inequality. I look forward to working with such a distinguished community.

José E. Limón

Austin



Notre Dame Professor of American Literature, English Interests: Mexican-American literature and

Courses: Cultural Studies; Mexican-American

Literature; Literature of the U.S. South; American Literary Traditions;

Latinos, Leadership and Literature Recent position/institution: Mody C. Boatright Regents Professor of English and American Literature, University of Texas at

Education: B.A., M.A., Ph.D., University of Texas at Austin

Why Notre Dame: I have wanted to be at Notre Dame since I was a child. The opportunity finally came to join such a distinguished and Catholic institution. I am delighted to be here.

Amaya Martin



Assistant Professional Specialist, Classics **Interests:** Arabic linguistic analysis Courses: First- and Second-Year Arabic Recent position/ institution: Adjunct Professor, Georgetown

University

Education: B.Sc., University of Kent at Canterbury; Licenciatura, Universidad Complutense de Madrid; Ph.D., Georgetown University

Why Notre Dame: After my visit to the campus, I realized that Notre Dame was the best place to develop both as scholar and as human being. I felt that Notre Dame was a university that tries to get the best academic results, for professors and for students, working both at the intellectual and at the personal human level.

Elizabeth Aura McClintock



Assistant Professor, Sociology Interests: Gender, family, partner selection, sexuality Courses: Marriage and Family Recent position/ institution: Ph.D. candidate, Stanford

University

Education: B.A., Princeton University; M.A., Ph.D., Stanford University

Why Notre Dame: This is my dream job. It's great to be part of the vibrant and growing Sociology department. Notre Dame students are a joy to teach and the University provides excellent support for both research and teaching.

Erin Metz McDonnell



Instructor, Sociology Interests: International comparative governance and development, with a special focus on Africa and Ghana

Courses: Governance in Africa; Development and Human Well-being

Recent position/institution: Doctoral candidate, Northwestern University Education: B.S.Ed., Ph.D., Northwestern

Why Notre Dame: When visiting Notre Dame, I quickly realized it possesses a unique blend of world-class scholarship combined with a warm community of scholars and students deeply invested in issues of human wellbeing. Notre Dame is a university with a mission and a vision; I want to be a part of continuing that

Terence E. McDonnell



Assistant Professor, Sociology **Interests:** Culture and media Courses: Telling about Society: Media, Representation and the Sociology of Knowledge Recent position/

institution: Assistant Professor of Sociology, Vanderbilt University and the Curb Center for Art, Enterprise and Public Policy

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

Why Notre Dame: Notre Dame's sociology faculty have established what may be the fastestrising department in the country, especially for cultural sociology. I'm thrilled to join a department with such energy and promise. In addition, I'm excited to teach students with a real commitment to social justice.

Rebecca Tinio McKenna



Assistant Professor, History Interests: U.S. 20thcentury social and cultural history

Courses: United States in the World; The Gilded Age and Progressive Era Recent position/ institution: Visiting

assistant professor, Southern Connecticut State University

Education: B.A., Barnard College, Columbia University; M.A., Ph.D, Yale University Why Notre Dame: The academic excellence associated with the University and the prospect of working with both talented students and accomplished scholars were reasons enough for me to choose Notre Dame. Pursuing this scholarly life as a member of a community whose moral and spiritual orientation resonates with my own—this was an opportunity I could not refuse and one that I heartily embrace.

Francesca Aran Murphy



Professor, Theology Interests: Theological aesthetics Courses: Foundations, Theology and Film Recent position/ institution: Professor of Christian Philosophy, University of Aberdeen

Education: B.A., Manchester University; M.A., University of Southern California; Ph.D., King's College, London University Why Notre Dame: I came to Notre Dame in order to work in a high caliber Catholic university.

Paul Ocobock



Assistant Professor, History **Interests:** African history, imperialism and colonialism, youth in history

Courses: Africa to 1800; Modern Africa; a First-Year Seminar titled "Anatomy of an African Rebellion"

Recent position/institution: Visiting Fellow, Kellogg Institute for International Studies at the University of Notre Dame

Education: B.A., University of Michigan; M.Phil., Oxford University; Ph.D., Princeton

Why Notre Dame: As a Kellogg Institute visiting fellow last year, I got to know Notre Dame a little and saw firsthand how the University would nurture my teaching skills and research agenda. Moreover, I was impressed by the enthusiasm of Notre Dame students to learn about Africa and travel there for research and service. Finding a university eager to invest in you and a student body interested in what you study is an unbeatable combination.

Emilia Justyna Powell



Assistant Professor, Political Science **Interests:** International relations, international law,

international organizations Courses: International Law, International Organizations Recent position/

institution: Assistant Professor, University of Alabama

Education: Master's Degree, Law, University of Nicholas Copernicus, Torun, Poland; Diploma from Jean Monnet Center for European Studies, Torun, Poland; M.A., Ph.D., Florida State University, Tallahassee

Why Notre Dame: I chose to come to Notre Dame because of its commitment to upholding the highest standards in education, and its Catholic identity.

Ricardo Ramirez



Associate Professor, Political Science Interests: Political behavior, state and local politics, immigration politics and policy, and race and politics Courses: Latinos and the U.S. Political System

Recent position/institution: Assistant Professor, Department of Political Science, University of Southern California Education: B.A., University of California, Los Angeles; M.A., Ph.D., Stanford University **Why Notre Dame:** *I came to Notre Dame* because of the University's commitment to social justice and the established and growing reputation of the political science department. In particular, I could not pass up the opportunity to take part in the vibrant community of faculty and students who comprise the Rooney Center for the Study of American Democracy.

Denis Robichaud



Assistant Professor, Program of Liberal Studies Interests: Renaissance humanism, history of philosophy, philology, rhetoric and textual cultures; classical tradition Courses: Philosophical Inquiry and Seminar II at

the Program of Liberal Studies Recent position/institution: Ph.D. candidate and Charles S. Singleton and Gilman Fellow, Johns Hopkins University; Frances A. Yates Fellow, Warburg Institute, London, England Education: B.A., Liberal Arts College of Concordia University in Montreal; M.A., M.A. / Ph.D., Johns Hopkins University Why Notre Dame: The University of Notre Dame offers me exceptional scholars with whom I can converse and pursue research as it also deeply appreciates the value of undergraduate education and the humanities. The opportunity to teach in the Program of Liberal Studies has a particular appeal to me because of its wellreasoned curriculum and its ability to attract bright students.

Yasmin Solomonescu



Assistant Professor, English Interests: British Romanticism Courses: The Romantic Novel; British Romanticism and the Sciences of Life Recent position/ **institution:** Social Sciences

and Humanities Research Council of Canada (SSHRC) Postdoctoral Research Fellow, York University, Toronto, Canada Education: B.J., Carleton University; M.Phil.,

Ph.D., University of Cambridge Why Notre Dame: I chose Notre Dame because of its commitment to fostering academic excellence in tandem with a concern for social justice and the common good.

Meghan Sullivan



Instructor, Philosophy Interests: Metaphysics, logic, philosophy of religion Courses: Metaphysics Majors Seminar; Honors Introduction to Philosophy

Recent position/ institution: Graduate student, Rutgers University Philosophy Department Education: B.A., University of Virginia; B.Phil., University of Oxford; Ph.D., Rutgers Why Notre Dame: Two features attracted me to Notre Dame. First, the philosophy department is world-class, and it's a privilege to work with the other faculty and students here. Second, and more personally, I'm excited to join a community that is exceptionally committed to Catholic education and spirituality.

Todd Walatka



Assistant Professional Specialist, Theology **Interests:** Contemporary Catholic theology; the theology of Hans Urs von Balthasar; liberation theologies; Jewish-Christian relations Courses: Foundations of Theology; Christianity and Judaism

Recent position/institution: Ph.D. student at the University of Notre Dame **Education:** B.A., University of Dayton; M.T.S., Ph.D., University of Notre Dame Why Notre Dame: Having graduated from the doctoral program in theology here at Notre Dame, I was excited to take up the position of assistant chair for Graduate Studies. South Bend has been a wonderful place for my family, and Notre Dame offers first-class research materials in my field as well as bright undergraduates to work with in the classroom. I was also extremely excited at the prospect of working with doctoral students in the department of theology on pedagogy and professional development.



William P. and Hazel B. White Professor of English Interests: American transcendentalism; literature and science Courses: Fictions of Science/Science in Fiction; Dilemmas of American Transcendentalism

Recent position/institution: John H. Bennett Jr. Chair of Southern Letters, University of South Carolina

Education: B.A., M.A., University of Washington; Ph.D., Indiana University

Why Notre Dame: Notre Dame offers a unique site to open and sustain a conversation between the humanities and the sciences, at a time when such conversations hold the key to solving the problems posed by the 21st century. Here I am finding a truly cosmopolitan community, centered on broad intellectual inquiry with a profoundly ethical and humanistic orientation—a great privilege, given that the humanities are now on the defensive at so many universities across the nation.

Matthew Wilkens



Assistant Professor, English Interests: Contemporary fiction, digital humanities Courses: Contemporary American fiction; African literature; Digital humanities; World novel Recent position/institution: Postdoctoral

Fellow, Program in American Culture Studies, Washington University, St. Louis **Education:** B.S., College of William and Mary; M.S., University of California, Berkeley; M.A., University of Wisconsin–Madison; Ph.D., Duke University

Why Notre Dame: I was looking for an environment that combined worldleading research with serious commitment to undergraduate and graduate education. Notre Dame offered that pairing and the resources to sustain it in the future.

Jia Yang



Assistant Professional Specialist, East Asian Languages and Cultures Interests: Chinese language pedagogy, crosscultural communication and computer-assisted language learning Courses: Beginning and

Intermediate Chinese

Recent position/institution: Lecturer, The Ohio State University

Education: B.A., Beijing University; M.A., Tsinghua University; A.B.D. / M.A., The Ohio State University

Why Notre Dame: As one of America's leading institutions of higher education, Notre Dame attracts a large number of accomplished faculty and intelligent students. I am thrilled to join this outstanding community of scholars, teachers and students.

SCHOOL OF ARCHITECTURE

Gilbert Gorski



Associate Professor
Interests: Architectural
design and visualization
Courses: Studio Design;
Traditional and Digital
Visualization Techniques;
3-D Modeling
Recent position/
institution: Visiting

Professor, University of Notre Dame **Education:** B.Arch., M.Arch., Illinois Institute of Technology

Why Notre Dame: Abstraction, the primary means for investigating architecture through the last century, is exhausted. Notre Dame's approach for respecting traditional methods of planning and construction is the only possible course for our built environment to become sustainable.

COLLEGE OF ENGINEERING

Arezoo Ardekani



Rev. John Cardinal O'Hara, C.S.C., Assistant Professor, Aerospace and Mechanical Engineering Interests: Fluid mechanics, non-Newtonian fluid dynamics, multiphase flows and complex fluids

Courses: Thermodynamics, Complex Fluids and Multiphase Flows

Recent position/institution: Shapiro Postdoctoral Fellow, MIT

Education: B.S., Sharif University of Technology, Iran; M.S., Ph.D., University of California, Irvine

Why Notre Dame: I came to Notre Dame because of its excellence in fluid mechanics, undergraduate education and its strong sense of community.

Sadegh Dabiri



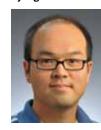
Research Assistant Professor, Aerospace and Mechanical Engineering Interests: Computational fluid dynamics, multiphase flows

Recent position/ institution: Postdoctoral Associate, MIT

Education: B.S., Sharif University of Technology, Iran; M.S., Ph.D., University of California, Irvine

Why Notre Dame: I decided to come to the University of Notre Dame because of its commitment to advancing science and engineering, and also, its strong community in my interest area of fluid mechanics.

Hyungrok Do



Assistant Professor,
Aerospace and Mechanical
Engineering
Interests: Plasma,
combustion, hypersonics,
scramjet engine
Recent position/
institution: Postdoc,
mechanical engineering,

Stanford University **Education:** B.S., Seoul National University;
M.S., Ph.D., Stanford University **Why Notre Dame:** I was fascinated by the spirit and vision of Notre Dame, its excellent faculty and students.

Bertrand Hochwald



Freimann Professor, Electrical Engineering Interests: Wireless communications and devices

Courses: Random Vectors, Detection, and Estimation Recent position/ institution: Vice

president, systems engineering, Beceem Communications (start-up in Silicon Valley) **Education:** B.S., Swarthmore College; M.S., Duke University; M.A., Ph.D., Yale University **Why Notre Dame:** I chose to come to Notre Dame because of its collegial atmosphere and its commitment to excellence in scholarship.

Scott S. Howard



Assistant Professor, Electrical Engineering Interests: Photonics for medical imaging and diagnostics Courses: Electromagnetic Fields and Waves 1, Fundamentals of Modern Optics

Recent position/institution: Postdoctoral Research Associate, Cornell University Education: B.S.E.E., University of Notre Dame; Ph.D., Princeton University Why Notre Dame: I believe in Notre Dame's commitment to being a leader in both scientific research and undergraduate teaching. The incredible new facilities, collegial faculty and staff, and talented students create a productive and enjoyable work environment. My research dovetails well with new initiatives such as NDnano, ADT and the NDIIF.

Dae Kun Kwon



Research Assistant Professor, Civil Engineering and Geological Sciences Interests: Wind effects on structures; modeling and simulation of extreme winds; mitigation of natural hazards; structural

health monitoring; Web-based e-technologies Recent position/institution: Postdoctoral Research Associate, Department of Civil Engineering and Geological Sciences, University of Notre Dame

Education: B.S., Yonsei University; M.S., Ph.D., Korea Advanced Institute of Science and Technology

Why Notre Dame: Having spent years at Notre Dame, I have felt very comfortable to continue my research owing to great environments in various aspects provided by the University, distinguished colleagues and talented students.

Paolo Minero



Assistant Professor,
Electrical Engineering
Interests: Analysis, design
and control of wireless
communication systems
Courses: Information
Theory
Recent position/
institution: Postdoctoral

scholar, University of California, San Diego **Education:** B.Sc., Polytechnic of Turin; M.S., University of California, Berkeley; Ph.D., University of California, San Diego **Why Notre Dame:** Notre Dame is a great place to do research and teach. The electrical engineering department has top researchers working in the field of wireless communications.

William A. Phillip



Assistant Professor, Chemical and Biomolecular Engineering Interests: Fabrication, design and characterization of next-generation membranes for chemical separations at the waterenergy nexus

Courses: Chemical Engineering Laboratory II Recent position/institution: Postdoctoral Associate, Department of Chemical and Environmental Engineering, Yale University Education: B.S., University of Notre Dame; Ph.D., University of Minnesota, Twin Cities Why Notre Dame: As an alumnus, I understand the commitment Notre Dame has to undergraduate education. As a researcher, I recognize the exciting science and technology developments occurring on campus. Being a faculty member allows me to contribute to both of these missions.

Laurel Riek



Clare Boothe Luce Assistant Professor, Computer Science and Engineering Interests: Robotics, social signal processing, assistive technology Courses: Autonomous Robots

Recent position/institution: Research Assistant, University of Cambridge Computer Laboratory

Education: B.S., Carnegie Mellon University; Ph.D., University of Cambridge **Why Notre Dame:** *I am thrilled to participate*

Why Notre Dame: I am thrilled to participate in the mission of "engineering for the greater good," and to join Notre Dame's vibrant research and teaching community.

Raul Santelices



Instructor, Computer Science and Engineering Interests: Software engineering, programming languages Courses: Data Structures; software engineering Recent position/

institution: Research Assistant at Georgia Institute of Technology Education: Engineer, M.S., Pontificia Universidad Católica de Chile; Ph.D., Georgia Institute of Technology

Why Notre Dame: I chose Notre Dame because of its academic excellence, human quality and culture of service to society. I also appreciate the Catholic nature of the University and its imprint on the work and growth of students, staff and

faculty. I see Notre Dame as an excellent place to educate the next leaders in computing, to advance software engineering as a rigorous science based on my industrial and academic experiences, and to serve the community while exploiting the rich interdisciplinary culture at this university.

Fabio Semperlotti



Assistant Professor, Aerospace and Mechanical Engineering Interests: Structural health monitoring and structural dynamics Courses: Aerospace Structures

Recent position/ institution: Research fellow, University of Michigan

Education: M.S., University of Rome "La Sapienza"; Ph.D., Pennsylvania State University Why Notre Dame: During my first visit to Notre Dame I was impressed by the research and teaching opportunities offered by the University. I am very excited to be joining the aerospace and mechanical engineering department, which counts many talented faculty and outstanding students.

Satyajyoti Senapati

Research Assistant Professor, Chemical and Biomolecular Engineering

Interests: Micro- and nano-fluidic devices for point-of-care diagnostics

Recent position/institution: Postdoctoral research associate, University of Notre Dame Education: M.Sc., Gauhati University, Assam, India; Ph.D., National Chemical Laboratory of Pune, India

Tim Stitt



Research Assistant
Professor, Computer
Science and Engineering,
Center For Research
Computing
Interests: Highperformance computing
Recent position/
institution: HPC

Applications Analyst, Swiss National Supercomputing Center, Switzerland **Education:** B.S., Ph.D., Queen's University Belfast, Northern Ireland

Why Notre Dame: I chose Notre Dame because of the excellent work being done by the staff at the CRC to promote and advance high-performance computing (both on campus and nationally) in tackling some of the most challenging problems in scientific research. Notre Dame also provides a warm, family-oriented environment that greatly complements the academic experience.

Ashley P. Thrall



Cardinal John O'Hara Assistant Professor, Civil Engineering and Geological Sciences Interests: Design and optimization of deployable structures Courses: Structural Steel

Recent position/institution: Ph.D. candidate in the Department of Civil and Environmental Engineering, Princeton University
Education: B.A., Vassar College; M.S.E.,
Ph.D., Princeton University

Design

Why Notre Dame: Notre Dame offers an ideal combination of world-class scholarship and excellent standards in education. The department features a strong community of colleagues and students whom I look forward to working with in the future. I also found the University's view of research as service to be truly unique and inspiring.

Jeremiah Zartman



Assistant Professor, Chemical and Biomolecular Engineering Interests: Cell and tissue engineering, developmental biology, growth control, morphogenesis Courses: Introduction to

Cellular and Tissue Engineering

Recent position/institution: Guest research scientist (postdoctoral researcher), Institute of Molecular Life Sciences, University of Zurich, Switzerland

Education: B.S., University of Colorado, Boulder; M.A., Ph.D., Princeton University Why Notre Dame: Notre Dame impressed me as a university of excellence in research and teaching. The opportunities and resources available as well as the high standards promoted by faculty and students made Notre Dame a very easy choice.

COLLEGE OF SCIENCE

Karen Imgrund Deak



Assistant Special Professional Faculty Courses: Molecular Genetic Technology Recent position/ institution: Patent Agent, SNR Denton US LLC Education: B.S., University of North

Carolina-Chapel Hill; Ph.D., University of

Why Notre Dame: Before coming to Notre Dame, I spent three years at a law firm, working on patent applications as a patent agent. A patent agent has passed the U.S. Patent Office's bar examination, and is allowed to practice patent law before the Patent Office, even though she has not gone to law school. I was recruited to Notre Dame to create and teach in a new program that will train patent agents.

James Dillon Delaney



Assistant Professional Specialist, Applied and Computational Mathematics and Statistics **Interests:** Engineering statistics; probability and statistics for risk management Courses: Applied

Probability; Statistical Methods Recent position/institution: Assistant Professor, Department of Statistics, Temple University

Education: B.A., Northwestern University; M.S., Georgia Institute of Technology; M.S., Ph.D., Georgia Institute of Technology Why Notre Dame: Considering Notre Dame's international reputation for academic excellence and my interest in interdisciplinary quantitative problems, it seemed like the new Department of Applied and Computational Mathematics and Statistics would be a great place to teach statistics. Then when I visited Notre Dame, it felt as though I were at home and among family.

Haifeng Gao



Assistant Professor, Chemistry and Biochemistry **Interests:** Polymer chemistry and materials Courses: Polymer Chemistry and Materials

Recent position/ institution: Postdoctoral Fellow at University of California, Berkeley, and Lawrence Berkeley National Laboratory

Education: B.S., M.S., Fudan University, Shanghai, China; Ph.D., Carnegie Mellon University

Why Notre Dame: I chose the University of Notre Dame because I want to be part of its commitment to academic excellence. This is also a great place for young faculty members to develop their careers with balanced family life.

Alan Huebner



Assistant Professional Specialist, Applied and Computational Mathematics and Statistics **Interests:** Educational statistics **Courses:** Elements of Statistics; Managerial

Statistics Recent position/institution: Research Associate, ACT Inc.

Education: B.A., Concordia University Chicago; M.S., DePaul University; Ph.D., University of Illinois Urbana-Champaign Why Notre Dame: I chose to come to Notre Dame because of its tradition of excellence in teaching and research.

Vlad M. Iluc



Assistant Professor, Chemistry and Biochemistry **Interests:** Catalytic systems for activation and functionalization of inert molecules Courses: Organometallic

Chemistry Recent position/institution: Postdoctoral scholar at California Institute of Technology Education: B.Sc., University Politehnica of Bucharest; M.Sc., Ph.D., University of Chicago Why Notre Dame: I chose to come to Notre Dame because I was attracted by the outstanding teaching and research here. I look forward to pursuing my academic goals and to being a part of this wonderful community.

Galyna Krylova



Research Assistant Professor, Chemistry and Biochemistry Interests: Nanomaterials, catalysis Recent position/ institution: Postdoctoral, Argonne National Laboratory

Education: B.S., M.S., Chernivtsy National University, Ukraine; Ph.D., Institute of Surface Chemistry, National Academy of Sciences of Ukraine

Why Notre Dame: Notre Dame is one of the best universities in the Midwest.

Jiahan Li



Assistant Professor, Applied and Computational Mathematics and Statistics Interests: Model selection, bioinformatics, time series analysis and finance Courses: Statistical Inference

Recent position/institution: Research assistant, Department of Statistics, Pennsylvania State University

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

Why Notre Dame: Notre Dame is an excellent place to meet a group of outstanding scholars and talented students, and to raise a family. Moreover, the new ACMS department has an excellent balance between teaching and research, and provides valuable opportunities for young faculty members.

Fang Liu



Assistant Professor, Applied and Computational Mathematics and Statistics **Interests:** Development of statistical methodology and its applications in biological, health, social, business and other scientific domains

Courses: Experimental Design Recent position/institution: Senior Biometrician, Merck Research Labs Education: B.S., Peking University; M.S., Iowa State University; Ph.D., University of Michigan Why Notre Dame: The excitement of participating in building a new department in statistics, the opportunities to work with best students, and the opportunities to collaborate with top scientists in various fields.

Edwin Michael



Professor, Biological Sciences **Interests:** Disease epidemiology with focus on mathematical climate change and intervention analyses Courses: Modern

Infectious Disease Epidemiology (undergraduate senior level); Global Health Challenges (graduate level) Recent position/institution: Senior Lecturer, Imperial College London, U.K. Education: B.Sc., M.Sc., Madras University, India; Ph.D., University of London, U.K. Why Notre Dame: I was attracted by Notre Dame's ambition to develop world-class research in the area of global health, the University's commitment to creating an environment for conducting leading-edge interdisciplinary work, and the real desire to use knowledge toward

Miguel A. Morales

bettering the world.



Assistant Professor, **Biological Sciences Interests:** Molecular parasitology and proteomics Courses: Topics in Infectious Diseases Recent position/ institution: Research Associate, Pasteur Institute, Paris, France; Postdoctoral Fellow, New York University Education: M.Sc., Ph.D., Complutense University, Madrid, Spain

Why Notre Dame: Very simple: great values, welcoming environment, excellent colleagues and ambitious goals.

Jun Peng



Research Assistant Professor, Chemistry and Biochemistry (Harper Cancer Research Institute) Interests: Cancer research using gene knockout mouse model Recent position/ institution: Project staff,

Education: M.D., Hebei Medical University; M.Sc., Peking Union Medical College and Chinese Academy of Medical Sciences Why Notre Dame: I am very proud of being a member of the Notre Dame community. I like to learn from others and contribute my knowledge to fight cancer and make our life more beautiful.

Gregory Ragland



Research Assistant Professor, Environmental Change Initiative **Interests:** Evolutionary physiology Recent position/ institution: Postdoctoral Associate, University of Florida

Education: B.A., University of San Diego; M.S., Washington State University; Ph.D., University of North Carolina

Why Notre Dame: I accepted a position at Notre Dame because the University provides excellent research support, high caliber students, and a diverse and talented group of colleagues.

Matthew J. Ravosa



Professor, Biological Sciences **Interests:** Evolutionary morphology and pathobiology of the mammalian skull, feeding apparatus and musculoskeletal system Courses: Undergraduate

anatomy; graduate seminars in evolution and bone biology

Recent position/institution: Professor of Pathology and Anatomical Sciences, University of Missouri School of Medicine **Education:** B.A., University of Rochester; M.A., Northwestern University; Ph.D., Northwestern University; Postdoc, Duke University Medical Center

Why Notre Dame: Initially, my wife was recruited to be the scientific director of the Harper Cancer Research Institute. Upon interviewing at Notre Dame, I became excited about the many campus initiatives and myriad possibilities for integrative research, particularly those opportunities that cross the traditional boundaries of scientific disciplines.

M. Sharon Stack



Professor, Biological Sciences (Harper Cancer Research Institute) regulation, tumor progression and metastasis Recent position/ institution: Professor and Vice Chair for Research,

Department of Pathology, University of Missouri School of Medicine, Columbia **Education:** B.S., Clemson University; M.S., East Tennessee State University; Ph.D., University of Louisville; Postdoc, Duke University

Why Notre Dame: My position provides a unique opportunity to promote basic cancer research involving the strong scientific community at Notre Dame and IUSB-SM, together with local clinical partners. I am pleased to inaugurate the Harper Cancer Research Institute as an outstanding resource for innovative and integrative cancer research.

Zain Syed



Assistant Professor, **Biological Sciences Interests:** Sensory physiology, behavior, neurogenetics of olfaction Courses: Neurobiology of sensory systems Recent position/ institution: Postdoctoral

researcher, University of California, Davis Education: B.Sc., Osmania University, India; M.Sc., Aligarh Muslim University, India; Ph.D., University of Neuchatel, Switzerland Why Notre Dame: Biological sciences department faculty at the Notre Dame have been at the forefront of studying various aspects of insects: ecology, epidemiology and genome sequencing of important vectors. With my expertise in chemical ecology, sensory physiology and organismal behavior, I am looking forward to developing exciting collaborations across disciplines, and offering a great platform for students to develop and translate their ideas.

Gabor Szekelyhidi



Howard J. Kenna, C.S.C., Assistant Professor of Mathematics Interests: Complex geometry Courses: Elements of Calculus I Recent position/ institution: Ritt Assistant

Professor, Columbia University Education: B.A., M.A., Trinity College, University of Cambridge, U.K.; Ph.D., Imperial College London

Why Notre Dame: I was attracted to Notre Dame because of the great math department and especially the geometry group. Moreover, visiting the campus, I really enjoyed the atmosphere of the University as a whole.

Pamela Tamez



Research Assistant Professor, Biological Sciences Interests: Molecular interactions between human host and malaria parasite Recent position/

institution: Research

Associate, University of Notre Dame Education: B.A., Southwestern University; Ph.D., University of Illinois at Chicago Why Notre Dame: Notre Dame is investing a great deal of resources to build research capacity.

Dominic O. Vachon



Director, Ruth M. Hillebrand Center for Compassionate Care in Medicine Interests: Psychology and spirituality of caring in the helping professions Courses: Medical Counseling Skills;

Compassionate Care in the Medical Professions; Spiritualities of Caring in the Helping Professions; Fundamentals of Pastoral Counseling

Recent position/institution: Director of Behavioral Medicine and Caring Science Training, St. Joseph Regional Medical (Family Medicine Residency Program Education: B.A., M.Div., University of Notre Dame; Ph.D., Loyola University of Chicago Why Notre Dame: The Ruth M. Hillebrand Center for Compassionate Care in Medicine at Notre Dame is dedicated to laying a foundation of compassionate care and patient-physician interpersonal skills for students aspiring to medical professions. I am very committed to the field of caring science and the helping professions and so this opportunity is what led me to return to Notre

LAW SCHOOL

Jodi Clifford



Associate Professional Specialist and Director, Intellectual Property and Entrepreneurship Clinic Recent position/ institution: Patent Attorney at Thompson Hine LLP in Cleveland, Ohio

Education: B.S., The Ohio State University; J.D., University of Virginia School of Law Why Notre Dame: I was drawn to Notre Dame based upon the quality and character of the institution and the people, and have been tremendously impressed with the faculty, staff and students that I have met here. I will be developing a new clinical law program, designed to provide students the opportunity to apply intellectual property law in a real-world environment. I am excited by the potential and the challenge of creating a program that will allow law students to gain valuable experience working with clients.

Bruce Huber



Associate Professor **Interests:** Environmental and natural resources law, energy law Courses: Energy Law, Property Recent position/ **institution:** Visiting Assistant Professor,

Dartmouth College Education: A.B., Stanford University; J.D., M.A., Ph.D., political science, University of California, Berkeley

Why Notre Dame: I have long admired Notre Dame's commitment to the integration of faith and reason. I'm honored to have the opportunity to join such an important tradition.

James J. Kelly Jr.



Clinical Professor of Law, Notre Dame Legal Aid Clinic

Interests: Real property and nonprofit law issues raised by community control of land resources, especially title clearing, land banking and

community land trusts

Courses: Legal Aid I & Ethics; Legal Aid II Recent position/institution: Visiting Professor of Law, Washington and Lee University Education: B.A., The University of Virginia; J.D., Columbia University

Why Notre Dame: As a teacher of new transactional lawyers, I want my students to learn how to support ventures that create social justice and further the common good. I chose to come to Notre Dame because here the authentic connection with those most vulnerable is at the heart of what we understand to be excellence.

Randy J. Kozel



Associate Professor of Law Interests: Freedom of speech, legal change, contract law Courses: Contracts; Freedom of Speech Recent position/ institution: Special Counsel, General Electric

Education: B.B.A., University of Wisconsin, Madison; J.D., Harvard Law School Why Notre Dame: I came to Notre Dame to join a community of ideas, a community of service, and a community of faith.

Avishalom Tor



Professor of Law **Interests:** My main research focus is the study of competitive and cooperative behaviors in market settings and their legal regulation by the antitrust laws.

Courses: Behavioral analysis of law; antitrust, technology and intellectual property; seminar on corporate

Recent position/institution: Senior Lecturer, University of Haifa Faculty of Law Education: LL.B., B.A., The Hebrew University of Jerusalem; LL.M., S.J.D., Harvard Law School

Why Notre Dame: I was attracted to Notre Dame Law School by its unique combination of exceptionally collegial faculty and a lively, research-oriented, intellectual atmosphere.

MENDOZA COLLEGE **OF BUSINESS**

Wendy Angst



Associate Professional Specialist, Management **Interests:** Health information technology Courses: Business Problem Solving; Commercialization Analytics; Principles of Management

Recent position/institution: CEO of CapMed Education: B.S., Michigan State University; M.H.A., University of La Verne

Why Notre Dame: Notre Dome embodies valuedriven leadership. I am honored to be a part of the Notre Dame family to help shape business for

Benjamin Golez



Assistant Professor, Finance Interests: Asset pricing, derivatives **Courses:** Investments Recent position/ institution: Ph.D. candidate, Universitat Pompeu Fabra

Education: B.Sc., University of Ljubljana, Slovenia; M.Sc., Ph.D., Universitat Pompeu

Why Notre Dame: Research focus of the finance department combined with the collegial atmosphere of its faculty make Mendoza College of Business a stimulating academic environment, in which I believe I can successfully develop my research and teaching potential.

Timothy A. Judge



Franklin D. Schurz Chair, Management Interests: Personality, job attitudes, leadership Courses: Management Competencies; Leadership and Decision Making Recent position/ institution: Matherly-

McKethan Eminent Scholar, University of Florida

Education: B.B.A., University of Iowa; M.A., Ph.D., University of Illinois at Urbana-Champaign

Why Notre Dame: I came to Notre Dame because of the strength and diversity of faculty, the excellent students and the positive culture that I have experienced many times over since coming here. I hope, in my own small way, to help advance the University's commitment to teaching, research and service.

Srikanth Sarathy



Assistant Professional Specialist, Management **Interests:** Use of Lean and Six Sigma methodology for process improvement Courses: Process Analytics (MBA); Process Analytics; **Business Statistics** Recent position/

institution: Owned my own company doing engineering services and consulting in Lean/Six Sigma and Operational Excellence Education: B.S., Bangalore University, India; M.S., MBA, Georgia Tech

Why Notre Dame: I have always considered myself a teacher, and so am excited to be at Notre Dame where educating and teaching students is given high importance.

Adam Wowak



Assistant Professor, Management **Interests:** Strategic management, with a focus on top executives and their effects on organizational outcomes Courses: Strategic

management

Recent position/institution: Ph.D., Pennsylvania State University Education: B.S., Ph.D., Pennsylvania State

Why Notre Dame: I was initially attracted to Notre Dame because of its reputation for research and teaching excellence, but what ultimately impressed me the most was the sense of community that seems to pervade every part of the University. I count myself very fortunate to be joining such a special place.

KROC INSTITUTE

Pamina Firchow



Associate Director of Doctoral Studies, Kroc Institute for International Peace Studies Interests: Security and development, transitional justice, theories of revolution, Latin America Courses: Development

and Conflict, Proseminar 1 and 2 (with Asher Kaufman)

Recent position/institution: Adjunct Research Assistant Professor, University of Minnesota Education: B.A., Carleton College; M.Sc., London School of Economics; M.A., Universidad del Salvador, Buenos Aires, Argentina; Ph.D., Graduate Institute of International and Development Studies, Geneva, Switzerland

Why Notre Dame: I chose Notre Dame because of its commitment to research, teaching and service and because I believe in the mission of the Kroc Institute to be a leader in the field of peace research. The opportunity to help shape the field through creating and managing a top Ph.D. program in the field is an exciting prospect.

GRADUATE SCHOOL

John Lubker



Associate Professional Specialist, Associate Dean of Students, Graduate School **Interests:** Professional issues in sport psychology with a special focus on supervision practices Recent position/

institution: Associate Professor of Sports and Exercise Sciences and Associate Dean of College of Nursing and Health Sciences, West Texas A&M University

Education: B.A., University of Notre Dame; M.A., Ed.S., James Madison University; Ed.D., West Virginia University

Why Notre Dame: As an alumnus of Notre Dame, I have the opportunity to give back to the university that has meant so much to me. I am excited to be in a position where I am able to work closely with both graduate students and administrators in achieving the educational mission of Notre Dame.



IRISH GUARD

The Irish Guard on the Hesburgh Library Mall. The Guard's 10 six-foot-two, kilt-wearing members march in front of the band, and have duties including raising the American flag while spectators sing "The Star-Spangled Banner."

Prints of this and other special-edition football season photos are available, with a 30 percent discount on orders placed through the end of bowl season. See the gallery at photos.nd.edu.