

Approved by the Board of Trustees
March 12, 2015

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Board Meeting
March 12, 2015

SABBATICAL LEAVES OF ABSENCE, 2015-16

Action: Approve Sabbatical Leave Requests

Funding: No New Funding Required

The Chancellors at the Urbana-Champaign, Chicago, and Springfield campuses have recommended that the following members of the faculty be given sabbatical leaves of absence in accordance with the provisions of the University of Illinois *Statutes* and on the terms and for the periods indicated.

The programs of research and study for which leaves are requested have been examined on all campuses.

The Vice President for Academic Affairs concurs in these recommendations.

The Board action recommended in this item complies in all material respects with applicable state and federal laws, University of Illinois *Statutes*, *The General Rules Concerning University Organization and Procedures*, and Board of Trustees policies and directives.

The President of the University recommends approval.

URBANA-CHAMPAIGN

COLLEGE OF AGRICULTURAL,
CONSUMER AND ENVIRONMENTAL SCIENCES

Department of Agricultural and Biological Engineering

RICHARD S. GATES, Professor

Academic year 2015-16, one-half pay

To lead efforts on a research project related to automated controls, building environment control analysis and design and applications to livestock systems, leading to journal publications; and to direct and co-direct graduate students and participate in teaching graduate training workshops.

Department of Agricultural and Consumer Economics

DAVID S. BULLOCK, Professor

First semester 2015-16, full pay

To study rigorous formal models of political economy and econometrics; and to study spatial econometrics in order to improve ability to estimate crop response functions, which will ultimately lead to improved farm management, increased farm profits, and reduced environmental damages.

A. BRYAN ENDRES, Associate Professor

Academic year 2015-16, two-thirds pay

To complete research and to write a series of comparative articles on the intersection of food, society, and the law.

GARY DONALD SCHNITKEY, Professor

Second semester 2015-16, full pay

To review literature and to consult with farmers and environmental groups in order to develop an economic model capturing the economic and environmental impacts of changes to Midwest agricultural practices.

Department of Crop Sciences

DOKYOUNG LEE, Associate Professor

First semester 2015-16, full pay

To examine genetic diversity and ecological functions of perennial grasses native to eastern Asia, including *Miscanthus* species; and to continue research on developing dedicated energy crops for abiotic stress tolerance.

Department of Human and Community Development

CHRISTY L. LLERAS, Associate Professor

Second semester 2015-16, full pay

To complete studies on the impact of social support and nonstandard employment on child development in single working mother families; and to continue research on how neighborhood poverty affects the health and psychological well-being of African American mothers and daughters.

Department of Natural Resources and Environmental Sciences

JAMES ROBERT MILLER, Associate Professor

Second semester 2015-16, full pay

To develop manuscripts focused on a framework for collaborative natural resource management on private land, extending conservation action beyond protected areas to privately owned property.

COLLEGE OF APPLIED HEALTH SCIENCES

Department of Kinesiology and Community Health

MARNI BOPPART, Associate Professor

First semester 2015-16, full pay

To translate to the human condition current research findings on mice stem cell treatment of age-related disabilities.

Department of Recreation, Sport and Tourism

SCOTT TAINSKY, Associate Professor

Second semester 2015-16, full pay

To conduct research on sports rivalry structures and organizations, focusing on how they foster commonality; and to extend these ideas to related industries.

COLLEGE OF BUSINESS

Department of Business Administration

MATTHEW S. KRAATZ, Associate Professor

Academic year 2015-16, two-thirds pay

To complete existing research projects on organizational identity, organizational change, corporate reputation, and institutional theory; and to work on a book which synthesizes and elaborates past work and proposes a new direction for institutional theory.

NICHOLAS C. PETRUZZI, Associate Professor

First semester 2015-16, full pay

To push frontiers of the economic theory of supply chains by conducting novel research and writing a manuscript exploring the interplay between strategic and operational decisions affecting the economic efficiency of these firms; and to begin developing a corresponding Ph.D. course.

Department of Finance

NOLAN H. MILLER, Professor

First semester 2015-16, full pay

To complete work on a joint book project: *Applied Microeconomic Theory*, which will be used for courses at the Urbana-Champaign campus as well as in Ph.D. programs in economics and related disciplines throughout the world.

JOSHUA M. POLLET, Associate Professor

Second semester 2015-16, full pay

To collaborate on a project that examines the risk characteristics of private equity hedge funds; and to collaborate on a project that analyzes financial returns to alternative asset classes, such as art and wine, using auction prices.

COLLEGE OF EDUCATION

Department of Curriculum and Instruction

MARK ALLEN DRESSMAN, Professor

First semester 2015-16, full pay

To study the implications of English education in Morocco for international development, comparing these with a similar study in South Korea; and to design collaborations with Moroccan teacher educators, contributing to the internationalization of teacher education in the College of Education.

Department of Education Policy, Organization and Leadership

WEN-HAO HUANG, Associate Professor

Second semester 2015-16, full pay

To design a mobile game-based learning system for adults in the College's Learning Design and Leadership online program in order to develop their online learning skills to maximize learning outcomes.

Department of Educational Psychology

DOROTHY L. ESPELAGE, Professor
Academic year 2015-16, two-thirds pay

To collaborate with colleagues to investigate risk/protective factors associated with bullying, dating violence, and alcohol/drug use among a large sample of adolescents in order to develop a text-messaging intervention program.

HELEN A. NEVILLE, Professor
First semester 2015-16, full pay

To finish data collection and to prepare two manuscripts on a new topic of research examining youth civic engagement in the United States and Tanzania.

JINMING ZHANG, Associate Professor
Second semester 2015-16, full pay

To complete research and to write a monograph on construct validity and dimensional structure of educational tests and cognitive diagnostic assessments in order to better measure students' mastery of skills.

COLLEGE OF ENGINEERING

Department of Civil and Environmental Engineering

BASSEM O. ANDRAWES, Associate Professor
Second semester 2015-16, full pay

To research the use of cost-effective shape memory alloys which improve civil structure resiliency against extreme hazards and disasters; and to research barriers facing widespread application of these innovative materials, especially in the mitigation of natural and man-made hazards.

KHALED A. EL-RAYES, Professor
First semester 2015-16, full pay

To complete a study on optimizing the selection of building sustainability measures, which is expected to increase the use of new green building technologies, with a significant impact on the environment, society and economy.

Department of Computer Science

MARCO CACCAMO, Professor

Academic year 2015-16, one-half pay

To collaborate on research of real-time and parallel computing systems, establishing a leadership role in creating real-time virtual machine technology, required by the automotive industry in order to utilize multi-core chips.

WAI-TAT FU, Associate Professor

Second semester 2015-16, full pay

To research and to develop better spatial computational techniques pertinent to mobile applications such as navigational tools or location sensitive information services.

CARL GUNTER, Professor

First semester 2015-16, two-thirds pay

To develop strategies to make computer systems more trustworthy for network communications, cloud computing, and smart phones, including applications in the areas of healthcare and energy systems.

SHELDON HOWARD JACOBSON, Professor

Academic year 2015-16, two-thirds pay

To explore new optimization-based paradigms for casual inference experimental design using observational big data experiments, with application in medicine, pharmaceuticals, and the social sciences.

GRIGORE ROSU, Professor

Academic year 2015-16, one-half pay

To continue research on solid formal analysis tools used to validate and verify safety-critical systems; and to complete and submit for publication a book on programming language design and semantics.

CHENGXIANG ZHAI, Professor

First semester 2015-16, full pay

To write a textbook on information retrieval; and to develop a virtual lab that will enable students to finish assignments on a cloud-computing platform.

Department of Electrical and Computer Engineering

ALEJANDRO DOMINGUEZ-GARCIA, Associate Professor

Second semester 2015-16 and first semester 2016-17, one-half pay

To develop the technical and financing/market frameworks necessary to bring electricity to rural areas in developing countries.

RAVISHANKAR K. IYER, Professor

Academic year 2015-16, two-thirds pay

To investigate moving big data to actionable data, providing results that can be directly used – taking “genomics to the bedside;” and to develop major research proposals and new course materials.

GANG LOGAN LIU, Associate Professor

First semester 2015-16, full pay

To research newly emerging scalable nanomanufacturing technology, especially related to mobile health sensing systems; and to design and to prepare the current laboratory for this new research area.

STEVEN SAM LUMETTA, Associate Professor

First semester 2015-16, full pay

To explore how introductory digital systems and computing education courses can be scaled and delivered effectively around the world, in particular, investigating both cross-campus collaborative teaching and scalable exercise, assignment, and assessment strategies.

OLGICA MILENKOVIC, Associate Professor

Academic year 2015-16, two-thirds pay; or first semester 2015-16, full pay

To establish new research collaborations in bioinformatics and systems biology; to continue work on genomic, proteomic, and metabolic data compression and visualization; and to deepen knowledge of emerging biological data acquisition techniques, new biological datasets and formats, and accompanying data mining and machine learning challenges.

SAYAN MITRA, Associate Professor

First semester 2015-16, full pay

To collaborate on foundational questions at the intersection of distributed computing and stochastic processes; and to advance the application of ongoing research on verification of cyber-physical systems in the domain of embedded medical devices (like pacemakers).

GABRIEL POPESCU, Associate Professor

Academic year 2015-16, two-thirds pay; or second semester 2015-16, full pay

To study the potential of quantitative phase imaging for measuring spatiotemporal dynamics of neuro action potentials; and to develop and to integrate novel non-invasive imaging to understand the dynamic geography of brain information processing and plasticity.

Department of Industrial and Enterprise Systems Engineering

NEGAR KIYAVASH, Associate Professor

Academic year 2015-16, one-half pay

To collaborate on network information theory, developing a comprehensive and analytical approach in causal inference as opposed to correlation alone, in complex networks.

Department of Materials Science and Engineering

JOHN A. ROGERS, Professor

Academic year 2015-16, two-thirds pay

To pursue collaborative opportunities in basic and applied research at the intersection of materials science and clinical medicine.

Department of Mechanical Science and Engineering

PLACID MATHEW FERREIRA, Professor

Academic year 2015-16, two-thirds pay

To research scientific fundamentals of nanoscale manufacturing to consider developing Microelectromechanical (MEMS) scale machinery for nanoscale manufacturing.

CARLOS A. PANTANO-RUBINO, Associate Professor

First semester 2015-16, full pay

To learn advanced computational modeling of multiscale multiphase flows (mixtures of gases and liquids) using novel theoretical formulations tailored for high-performance computing.

Department of Physics

MATTHIAS GROSSE PERDEKAMP, Professor

First semester 2015-16, full pay

To carry out novel experiments with particle beams, securing high data quality; and to prepare the research results for a symposium.

PHILIP W. PHILLIPS, Professor

First semester 2015-16, full pay

To construct the first theory of its kind by using the nonlinear eigenbasis for interacting electrons, as high temperature superconductivity requires a theory beyond the standard model for interacting electrons.

COLLEGE OF FINE AND APPLIED ARTS

School of Architecture

JEFFERY S. POSS, Professor

First semester 2015-16, full pay

To design architectural spaces of serenity; to complete field research on constructed design; and to complete a monograph.

School of Art and Design

LAURETTA J. HOGIN, Professor

Academic year 2015-16, two-thirds pay

To create artworks for solo exhibitions and for a group exhibition; and to develop writing projects in a range of genres for publication.

Department of Dance

JENNIFER MONSON, Professor

Academic year 2015-16, one-half pay

To develop an interdisciplinary dance performance entitled, *in tow*; and to continue development of the digital archive for *Live Dancing Archive*.

KIRSTIE SIMSON, Associate Professor

First semester 2015-16, full pay

To research via a series of workshops exploring Dance Improvisation, focusing on the importance of embodied knowledge in a world where technology substitutes for physical interaction and exchange; and to create records of the research findings that will culminate in a book/video.

Department of Landscape Architecture

MARGARET ELEN DEMING, Professor

First semester 2015-16, full pay

To conduct research and to write a book entitled, *Wish Landscapes*, which explains domestic landscape discourse and imagery surrounding the British Garden City Movement (1880-1920) that led to later development of low-density cities and suburbs in Europe and North America after World War I.

D. FAIRCHILD RUGGLES, Professor

First semester 2015-16, full pay

To conduct research and to write a book on the Alhambra, an enormous thirteenth-fourteenth century Islamic palace that has become a national monument and culturally complex symbol of patrimony in modern Spain.

School of Music

WILLIAM A. KINDERMAN, Professor

Second semester 2015-16, full pay

To complete research and to write a book, *Beethoven's Creativity*, exploring broad aspects of Beethoven's musical creativity in an interdisciplinary context and then focusing on specific case studies.

DONALD J. SCHLEICHER, Associate Professor

Second semester 2015-16, full pay

To research with School of Music's peers, compiling essential information on the advancement of the culture of academic performance (multi-media, programming, audience development, management and staging, cross campus involvement, and student performer involvement); and to disseminate research results through the College Orchestra Professional Association.

KATHERINE R. SYER, Associate Professor

Second semester 2015-16, full pay

To research current, progressive music theatre production in order to support pedagogical initiatives and a related book manuscript.

CHRISTOS TSITSAROS, Professor

First semester 2015-16, full pay

To complete research and write the second volume of *Symmetrical Warm-ups*, focusing on double notes, chords, octaves, and skips, in the form of short, transposable exercises for piano which will promote strength and flexibility as well as prevention of performance-related injuries.

Department of Theatre

REGINA M. GARCIA, Associate Professor

Second semester 2015-16, full pay

To examine the process of several theater-makers and their unique collaborations, as they consider the compositional and dramaturgical power of the performing body in a continuously shifting scenic landscape.

GRADUATE SCHOOL OF LIBRARY AND INFORMATION SCIENCE

MILES JAMES EFRON, Associate Professor

Academic year 2015-16, one-half pay

To continue collaborative research in the area of statistical information retrieval from sources such as unstructured text documents, knowledge-based entries and query log data.

KATHRYN ANNE LABARRE, Associate Professor

Academic year 2015-16, two-thirds pay

To explore and describe the intertwined evolution of professional identity and the ethics of information organization and access in the field of Library and Information Science, resulting in three published case studies.

CAROL L. TILLEY, Associate Professor

First semester 2015-16, full pay

To work toward a comprehensive, monographic examination of what it meant to be a young comics reader in the United States during the Twentieth-Century, creating a scholarship that focuses in a meaningful and sustained way on the lived experiences of young people through comics study, including documenting how young people used their interest in comics as a basis for participatory cultural actions in the 1940s and 1950s.

COLLEGE OF LAW

JOHN D. COLOMBO, Professor

Second semester 2015-16, full pay

To complete work on a law review article regarding tax-exemption aspects of religious hospital take-overs; and to update background research on Corporate Tax.

MATTHEW W. FINKIN, Professor

Second semester 2015-16, full pay

To research the status of the law of waged labor in pre-industrial societies, creating a comprehensive transnational study of law dealing with wage labor in the run-up to industrialization.

ERIC ALAN JOHNSON, Professor

First semester 2015-16, full pay

To study and write about the role of risk and perceptions of risk in substantial criminal law, promoting the adoption by Congress and state legislatures of fairer, simpler, and more effective criminal laws.

BRUCE SMITH, Professor

Second semester 2015-16, full pay

To research the methods used by British companies during the Industrial Revolution to protect their intellectual property (including trade secrets, trademarks, and other intangible assets); and to prepare a book manuscript based on this research.

COLLEGE OF LIBERAL ARTS AND SCIENCES

Department of African American Studies

SUNDIATA CHA-JUA, Associate Professor

First semester 2015-16, full pay

To produce a major reinterpretation of lynching that extends its study back to the Reconstruction Era, refocuses on murder instead of rape, transforms victims into historical subjects, and explores African American agency, including the experiences and activism of Black women; and to write *Beyond the Rape Myth* as a result of this reinterpretation.

Department of Anthropology

RIPAN S. MALHI, Associate Professor

Second semester 2015-16, full pay

To train in and to research new developments of epigenetics: how the genome can be modified by the environment to change gene expression; to apply this knowledge to ancient DNA, specifically that of Native Americans during the European colonization.

CHARLES C. ROSEMAN, Associate Professor

Academic year 2015-16, two-thirds pay

To research coordination of the growth of organisms by complex interactions among genes and how these interactions give new insights into the causes of human disease and evolution.

LAURA LYNN SHACKELFORD, Associate Professor

First semester 2015-16, full pay

To continue research and to analyze early human fossils from Southeast Asia; and to collect comparative skeletal data to be utilized in future research.

Department of Astronomy

CHARLES FORBES GAMMIE, Professor

Academic year 2015-16, two-thirds pay

To collaborate on problems related to black hole astrophysics and theory of collisionless plasmas, enhancing understanding of basic astrophysical processes and potentially leading to tests of theories of gravity.

Department of Communication

JOHN PATRICK CAUGHLIN, Professor

Second semester 2015-16, full pay

To write a book on interpersonal communication integrating relational outcomes (satisfaction) and how interaction works, demonstrating how both can be made richer and more practical, and reconceptualizing this research with a more global and coherent framework.

THOMAS E. O’GORMAN, Associate Professor

Academic year 2015-16, two-thirds pay

To develop a joint research program focusing on pressing problems in media, mediation, and technology; and to write a book on political technologies.

INGER LISBETH STOLE, Associate Professor

Academic year 2015-16, two-thirds pay

To study the development of a modern Scandinavian consumer society and the emergence and implications of commercialization in order to write a series of journal articles.

School of Earth, Society, and Environment

Department of Atmospheric Sciences

GREG MICHAEL MCFARQUAR, Professor

First semester 2015-16, full pay

To use airborne observations of cloud properties to improve representations of clouds for weather/climate models, improving techniques for processing cloud measurements; to plan for future experiments to better understand cloud processes; and to prepare publications on these efforts.

DONALD J. WUEBBLES, Professor

Second semester 2015-16, full pay

To develop a new web-interactive textbook on Climate Dynamics in a Changing Climate; and to develop new research interactions and associated projects on climate and atmospheric chemistry.

Department of Geography and Geographic Information Sciences

JESSE C. RIBOT, Professor

Second semester 2015-16 and first semester 2016-17, one-half pay

To complete research and to write a monograph on the sociology and politics of climate-risk research, developing a framework for causal analysis of climate-related social vulnerability in order to help bring social theory into climate-risk modeling and policy.

SHAOWEN WANG, Professor

Academic year 2015-16, two-thirds pay

To establish a collaboration network for research of data-rich geospatial integration, characterizing and understanding the complex arrangements of digital, environmental, and human systems and how these operate to enhance resilience to disasters.

Department of Geology

JAY D. BASS, Professor

First semester 2015-16, full pay

To research a pioneering method for sound velocity measurements, critical to our knowledge of Earth's deep interior; and to learn new techniques continuing Illinois's presence as a leader in the stability and properties of the materials making up the deep interior of the Earth.

Department of Economics

RICHARD S. AKRESH, Associate Professor

First semester 2015-16, full pay

To substantially advance new work on the economics of cash transfers to poor households and the effects on child health, child education, and the prevention of mother to child transmission of HIV/AIDS.

Department of English

VICKI MAHAFFEY, Professor

Second semester 2015-16, full pay

To complete and to submit a book, *The Joyce of Everyday Life*; and to begin writing a book, *Fairy Tales: Never After: Femininity as Fairy Tale*, continuing the department's legacy of excellence in Joyce research and bringing lived histories to bear on everyday objects.

DAVID WRIGHT, Associate Professor

First semester 2015-16, full pay

To write a novel exploring the role Africans played in the trans-Atlantic slave trade, focusing on the Dahomean King Adandozan, who was “destooled” and banished for attempting to withdraw from the slave trade.

Department of Gender and Women's Studies

RUTH NICOLE BROWN, Associate Professor

First semester 2015-16, full pay

To prepare, *Black Girl Genius*, a book-length manuscript that examines how artists use ideas of Black girlhood to convey a particular analytic of genius that makes it possible for consumers to discern the necessary difference between stereotype, creative force, and resistance.

CHANTAL NADEAU, Professor

First semester 2015-16, full pay

To advance research and writing on a book project with a working title, *Queer Fictions: Bodily Integrity and Child Non-Conforming in Cinema*, which examines the interaction between the moral and legal integrity attached to the publicness of the child body.

Department of History

KATHRYN J. OBERDECK, Associate Professor

Second semester 2015-16, full pay

To revise a book manuscript examining spatial practices in Kohler, Wisconsin, a model company town; to pursue comparative research on how residents of “blighted” urban areas perceive urban sanitation questions; and to design history courses engaged with local and regional community resources.

DANA RABIN, Associate Professor

Second semester 2015-16, full pay

To research and to write a co-authored textbook, *Modern Britain and its Empire, 1485-2007: A View from the Sources*, planned as a companion to a survey of modern British history; to complete a monograph, *Under Rule of Law: Britain and its Outsiders, 1750-1800*; and to begin a study of Jewish history in the early modern Atlantic world.

CAROL LYNNE SYMES, Associate Professor

First semester 2015-16, full pay

To complete a monograph entitled, *Bodies of Text: Acts of Writing and the Work of Documentation in Northwestern Europe, 1000-1215*, which argues many non-elite historical actors were involved in the drafting, dissemination, and interpretation of the sources on which we rely for our knowledge of the past.

School of Integrative Biology

Department of Entomology

SYDNEY ANNE CAMERON, Professor

Second semester 2015-16, full pay

To research new methods of analyzing comparative traits by comparing bumble bee genomes to reveal genes that correlate with the evolution of diverse color pattern phenotypes, which will advance understanding of mimicry evolution in wild organisms.

LAWRENCE M. HANKS, Professor

Second semester 2015-16, full pay

To develop techniques for electrophysiological research with insects, specifically gas chromatography-electroantennogram detection, which identifies specific chemicals that an insect can detect and use to find host plants or mates.

BARRY ROBERT PITTENDRIGH, Professor

Second semester 2015-16, full pay

To collaborate in developing information and communication tools facilitating pest management, which is critical for enhancing sustainability of food production in developing nations.

JAMES BRYAN WHITFIELD, Professor

Second semester 2015-16, full pay

To conduct phylogenetic analyses investigating comparative genomics of viruses in wasps, which promises crucial insights into the evolution of parasitism in wasps and may also have significant agricultural application.

Department of Latina/o Studies

JULIE DOWLING, Associate Professor

First semester 2015-16, full pay

To work on a book project on how Latinas born in the United States experience gender roles through the lens of their racial and cultural experiences in the United States.

School of Literatures, Cultures and Linguistics

Department of the Classics

KIRK SANDERS, Associate Professor

First semester 2015-16, full pay

To begin work on a long-planned philological/philosophical review of Xenophon's *Memorabilia*, creating a major new commentary on an important but neglected work in ancient philosophy.

Department of East Asian Languages and Cultures

ELIZABETH A. OYLER, Associate Professor

Second semester 2015-16, full pay

To complete work on the monograph, *The Apparitional Capital in Nō Plays of the Genpei War*, exploring how a series of Japanese plays lauding the founding of warrior rule simultaneously undermine shogunal authority by portraying the capital city as something other than the center of power, which will contribute to a deeper understanding of Japanese culture literature and history in the United States.

ROBERT TIERNEY, Associate Professor

Academic year 2015-16, two-thirds pay

To translate Nakae Chomin's final testament, *One Year and a Half (1901)*, into English; and to begin a major research project on this important Meiji figure, which will lead to a monograph that will make a significant contribution in our understanding of Japanese thought at the turn of the twentieth century.

GARY GANG XU, Associate Professor

First semester 2015-16, full pay

To finish a book project, *Songzhuang Village: From Contemporary Art to Underground Film*, which examines China's most famous "artist village," located just outside the city of Beijing, in multiple aspects: history, social and economic structures, and key figures.

Department of French and Italian

ZSUZSANNA FAGYAL, Associate Professor

Second semester 2015-16, full pay

To complete a monograph on the media portrayal of non-European immigrant and minority ethnic groups' ways of speaking French in France.

KAREN L. FRESCO, Associate Professor

First semester 2015-16, full pay

To study a manuscript anthology containing Christine de Pizan's *Book of Body Politic*; and to write an article on the role of her works in manuscript anthologies.

LAURENCE S. MALL, Associate Professor

Second semester 2015-16, full pay

To write a monograph on the works by an eighteenth century French writer, Louis Sébastien Mercier, who invented a new understanding and representation of ordinary urban life.

Department of Linguistics

PETER NATHAN LASERSOHN, Professor

First semester 2015-16, full pay

To complete a book on semantic analysis of sentences whose truth or falsity depends in part on personal taste or other kinds of subjective judgment; and to begin work on a semantic analysis of common nouns as restricted variables, that is, as expressions whose denotation may be set and reset for a range of different values.

HYE SUK JAMES YOON, Professor

Second semester 2015-16, full pay

To conduct experimental research to gather systematic judgments on the syntax, semantics, and pragmatics of multiple subject/object constructions in the Korean language through large-scale testing of native speakers and second language learners of Korean.

Department of Religion

JAMES TREAT, Associate Professor

Second semester 2015-16, full pay

To complete research and to write a manuscript for an anthology of literary narratives documenting ecological realities in native North America, tentatively titled, *A Field Guide to Turtle Island: Nature Writing from Indian Country*.

Department of Spanish and Portuguese

JAVIER IRIGOYEN GARCIA, Associate Professor

Academic year 2015-16, one-half pay

To write a book on the influence of Iberian Moorishness in early modern Europe and the Mediterranean.

Department of Mathematics

STEVEN B. BRADLOW, Professor

First semester 2015-16, full pay

To continue mathematics research on Higgs bundles (geometric objects with roots in mathematical physics) and their relation to geometric structures on surfaces.

ANIL NIRMAL HIRANI, Associate Professor

Second semester 2015-16, full pay

To acquire competency in discrete differential geometry and its use in numerically solving partial differential equations; and to work on a book on discretization of exterior calculus.

MARIUS JUNGE, Professor

First semester 2015-16, full pay

To continue existing research collaborations and to develop research on noncommutative harmonic analysis; and to reach new boundaries for research on capacity of quantum channels.

RINAT KEDEM, Professor

Second semester 2015-16, two-thirds pay

To complete research in the area of representation theory, integral systems in quantum field theory, and statistical mechanics and the interplay between them.

School of Molecular and Cellular Biology

Department of Biochemistry

SATISH K. NAIR, Professor

First semester 2015-16, full pay

To conduct collaborative research on elucidation of structural details of large multi-protein complexes, learning methodologies for structure determination using cryo-electron microscopy, and to build upon this foundation to aid in research collaborations on campus.

Department of Cell and Developmental Biology

LISA J. STUBBS, Professor

Second semester 2015-16, full pay

To develop skills in bioinformatics through online tutorials and interaction with local experts, specifically developing expertise in long-range chromatin interactions and the impact of disturbing these interactions on mammalian development; to prepare grant proposals that require focused reading and research; and to complete several manuscripts.

Department of Political Science

GISELA SIN, Associate Professor

Second semester 2015-16 and first semester 2015-16, two-thirds pay; or second semester 2015-16, full pay

To conduct research, to collect data, and to write a second book project that examines legislative bargaining when the executive can line-item veto legislation, as opposed to being able to veto legislation in its totality, focusing on the United States and presidential systems in Latin America.

Department of Psychology

MARK S. ABER, Associate Professor

First semester 2015-16, full pay

To lay the scientific and practical foundations for efforts to build and study children's mental health research capacity in communities throughout Illinois.

HOWARD BERENBAUM, Professor

Second semester 2015-16, full pay

To develop a novel unified model of belief formation and change, and explore its implications for mental health and society, which will explain the development of the full range of beliefs, ranging from the mundane to the psychotic.

DOV COHEN, Professor

First semester 2015-16, full pay

To edit the second edition of the *Handbook of Cultural Psychology*; and to develop expertise in topics related to culture and economy for a *Handbook* chapter.

JANICE M. JURASKA, Professor

Second semester 2015-16, full pay

To examine mouse models that have an estrogen receptor genetically knocked out; and to develop outbred mice in order to advance research on an animal model of how puberty affects the brain and makes it more vulnerable to stress.

DANIEL A. NEWMAN, Associate Professor

Second semester 2015-16, full pay

To extend research on social network contagion effects in work teams (team information flow and the spread of negative attitudes); to learn new social network analysis techniques; and to co-edit a book on social networks in organizations.

BRIAN H. ROSS, Professor

Academic year 2015-16, two-thirds pay

To develop research on conceptual learning in probability theory and statistics for grant proposals; and to work on a theory of concept learning and use.

Department of Sociology

ILANA REDSTONE AKRESH, Associate Professor

First semester 2015-16, full pay

To continue a research project examining multi-level differences in immigrant residential attainment.

FUTING LIAO, Professor

Academic year 2015-16, one-half pay

To complete the second phase of two research projects, one on inequality and the other on life course analysis, for future publications and instructional materials on inequality and population studies; and to plan a future project on unemployment comparing families across three continents.

ANNA-MARIA MARSHALL, Associate Professor

Academic year 2015-16, one-half pay

To complete research for a book manuscript on environmental justice activism, focusing on the use of legal strategies and legal symbolism.

Department of Journalism

CHRISTOPHER D. BENSON, Associate Professor

Second semester 2015-16, full pay

To conduct interviews and archival research for two books: a narrative history of the racial transformation of Hyde Park, and a study of racial representation in Black Chicago-based media. This information will expand public knowledge in critical areas of racial construction and will strengthen an information base for media ethics and diversity teaching.

JOSEPH BRANTLEY HOUSTON, Professor

First semester 2015-16, full pay

To conduct research and write articles on successes and failures of new business models for journalism, which will become the basis of a book and a course in entrepreneurial journalism.

UNIVERSITY LIBRARY

SUSAN AVERY, Associate Professor

November 16, 2015 through May 15, 2016, full pay

To engage in an in-depth study of international students in order to understand and align their prior research experiences with their current roles as students to better meet their needs and assure academic success.

ATOMA T. BATOMA, Associate Professor

December 16, 2015 through September 15, 2016, full pay

To collect data on the naming systems and linguistic practices of the Kabye ethnic group in Togo, constructing a pragmatic framework for the study of African proper names, and to publish the results of this research in peer-reviewed onomastic sciences journals in order to broaden catalogers' epistemic horizons, providing better access to the content of Africana materials.

TRAVIS W. MCDADE, Associate Professor

October 16, 2015 through July 15, 2016, full pay

To conduct research on the life and career of Amos Watts, an attorney and judge in Illinois in the mid-nineteenth century, based on his daily diary; and to write a biography, which will illuminate the practice of law during this time.

LYNNE M. RUDASILL, Associate Professor

January 16, 2015 through July 15, 2016, full pay

To complete compilation and to analyze a database of citations to serial scholarly publications, current research on the use of fugitive literature in scholarly communication with a view toward publication of two articles on the topic; and to begin a wider review of the changes in scholarly publication to enrich future research in the area of changing models of distribution and use.

MAREK SROKA, Associate Professor

August 16, 2015 through April 15, 2016, full pay

To research the history and impact of two important newspaper preservation and collection development projects, namely the Illinois Newspaper Project and the Illinois Digital Newspaper Project, in preserving culturally and historically significant Illinois newspapers and the role played by the University of Illinois Library in those efforts from 1987 to 2015, the findings of which will be published in an academic journal.

JENNIFER HAIN TEPER, Associate Professor

January 16, 2016 through July 15, 2016, full pay

To investigate the accuracy of shared cataloging records among libraries and to propose how best to evaluate preservation condition of individual titles to facilitate print retention efforts, focusing specifically on those in the public domain and held by Committee on Institutional Cooperation institutional libraries.

COLLEGE OF VETERINARY MEDICINE

Department of Pathobiology

GAY Y. MILLER, Professor

Second semester 2015-16, full pay

To research foreign animal disease threats and responses from a U.S. Department of Human Services and health industry perspective, increasing ability to advise U.S. federal agencies and U.S. food animal industries on epidemiology and economic impact; and to enhance instructional capabilities in these areas.

CHICAGO

COLLEGE OF ARCHITECTURE, DESIGN, AND THE ARTS

School of Art and Art History

CATHERINE BECKER, Associate Professor

First semester 2015-16, full pay

To complete research on the artistic and cultural interactions between Buddhist communities active during the early centuries of the Common Era in Andhra Pradesh, India and Anuradhapura, Sri Lanka.

NINA DUBIN, Associate Professor

Second semester 2015-16, full pay

To complete a book on love letter pictures in eighteenth century French art, advancing scholarship on the relationship between economic and cultural modernity through the relation of epistolary images to the expansion of a credit economy and the growth of social trust.

DOUG ISCHAR, Associate Professor

Second semester 2015-16, full pay

To work with historical footage of critical gay events collected in the 1980s; vetting, organizing, and printing these images as a documentary work, organized into retrievable form (i.e., exhibitions catalogs, web-sites, and book formats).

COLLEGE OF BUSINESS ADMINISTRATION

Department of Finance

RE-JIN JENNIFER GUO, Associate Professor

Second semester 2015-16, full pay

To conduct collaborative research, data acquisition, and empirical analysis on the evolution of corporate governance practice in the Chinese capital market after the enactment of the Split-Share Reform in 2005; and to produce a co-authored manuscript for submission to finance journals.

Department of Managerial Studies

ANNA MAIJA RENKO, Associate Professor

Academic year 2015-16, two-thirds pay

To study early stage entrepreneurship through the examination of the reasons for and mechanisms of starting a new business, with particular attention to the earliest phases of the start-up process; to prepare working papers for publication and to begin new manuscript development processes.

COLLEGE OF DENTISTRY

Department of Pediatric Dentistry

CHRISTINE DA-RUH WU, Professor

First semester 2015-16, full pay

To advance work on a collaborative multi-disciplinary study on the efficacies of innovative natural plant-derived, virulence targeted therapies such as tea polyphenols intervention for dental caries management in children that contribute to the improvement of oral health.

COLLEGE OF EDUCATION

Department of Curriculum and Instruction

JOSHUA LONGSTRETH RADINSKY, Associate Professor

Second semester 2015-16, full pay

To complete analyses that examine effective teaching practices utilizing historical census data and geographic information systems (GIS) in urban education; and to finalize curriculum resources for teaching about African American and Latino migrations.

MARIA VARELAS, Professor

Second semester 2015-16, full pay

To complete analyses on the relationship between student science learning and identity construction in elementary, urban school classrooms; and to initiate studies on teacher learning and identity construction of high school science educators responsive to community and student needs.

Department of Educational Psychology

GEORGE KARABATSOS, Professor

First semester 2015-16, full pay

Perform research to develop statistical methods and software for the time-efficient analysis of large educational data sets; and to advance the understanding of effective teaching practices and aid in the discovery of key factors that influence student performance.

EVERETT V. SMITH, Jr., Professor

First semester 2015-16, full pay

To expand quantitative expertise in the area of psychometrics to include multi-level modeling in order to develop research proposals; and to complete creation of new online course in Rasch modeling for the Measurement, Evaluation, Statistics and Assessment degree program.

THERESA A. THORKILDSEN, Professor

Second semester 2015-16, full pay

To study and collaborate with researchers from University of California, Los Angeles to strengthen funding and joint research endeavors on how culture influences students' motivation; to advance understanding on conducting longitudinal research in urban contexts; and to craft and submit two grant proposals.

Department of Special Education

CHRISTINE LOUISE SALISBURY, Professor

Second semester 2015-16, full pay

To advance collaborative funded research to develop, test, and evaluate an innovative home-based intervention approach to improve child learning outcomes for infants/toddlers with moderate to severe disabilities.

ELIZABETH H. TALBOTT, Associate Professor

First semester 2015-16, full pay

To complete work on a co-edited book entitled, *Handbook of Research on Diversity in Special Education*, which illuminates effective interventions for children and youth with disabilities around the world; and to lead the Council for Exceptional Children-Division for Research in advocating for special education research.

COLLEGE OF ENGINEERING

Department of Bioengineering

MICHAEL CHO, Professor

Second semester 2015-16, full pay

To collaborate with Professor Arthur Mak, Chinese University of Hong Kong, world-renown expert in the field of rehabilitation biomechanics, to learn and elucidate the load-carrying capacities of aged muscles and their damage thresholds in various pathologies.

Department of Civil and Materials Engineering

CRAIG FOSTER, Associate Professor

Second semester 2015-16, full pay

To perform experimental work on and develop models for buildings of earthen materials, such as rammed earth, soil block, or adobe; and to advance knowledge with the long-term goal of creating safer, more economical, and more environmentally friendly structures.

Department of Computer Science

BHASKAR DASGUPTA, Associate Professor

First semester 2015-16, full pay

To study applications of advanced algorithmic techniques in network science to solve computationally challenging problems related to biological and social networks; and to facilitate a better understanding of interactions of components in a complex system.

BING LIU, Professor

Second semester 2015-16, full pay

To study large-scale sentiment analysis and fake opinion detection problems via social media systems at the headquarters of *Twitter*; and to identify the applicability of past research algorithms to real-life situations and problems.

Department of Electrical and Computer Engineering

DANILO ERRICOLO, Professor

Second semester 2015-16, full pay

To complete a graduate level textbook on electromagnetic scattering, which fills a void in electrical engineering education, collaborating with Delcross Technologies to provide real world computer simulations as part of the textbook.

COLLEGE OF LIBERAL ARTS AND SCIENCES

Asian American Studies Program

ANNA GUEVARRA, Associate Professor

Academic year 2015-16, two-thirds pay

To conduct ethnographic fieldwork for a book project that examines the cultural production of South Korea's robotic innovation through the scientific imaginary, specifically the creation of Engkey; and to provide a nuanced understanding of the intersection between science, technology, and society in the context of race and gender dynamics.

Department of Biological Sciences

CONSTANCE J. JEFFERY, Associate Professor

Second semester 2015-16, two-thirds pay

To collaborate with experts at the Harvard Medical School to develop the new Pulse Proteolysis high throughput screening method (PP/HTS), which is expected to be applicable to many target proteins, and to expand the ability to identify small molecule leads for the development of novel therapeutics.

Department of Chemistry

MICHAEL TRENARY, Professor

Academic year 2015-16, two-thirds pay; or second semester 2015-16, full pay

To conduct collaborative research at RIKEN, Japan, on mechanisms of surface chemical reactions studied at the single molecule level with the technique of low temperature scanning tunneling microscopy.

Department of Communication

JINGYAN ELAINE YUAN, Associate Professor

First semester 2015-16, full pay

To conduct fieldwork in Beijing, Shanghai, and Hangzhou, China, and to continue development of a monograph on the Internet and its socio-cultural role and implications for Chinese society.

Department of Criminology, Law, & Justice

SARAH E. ULLMAN, Professor

Second semester 2015-16, full pay

To examine the role of social support in recovery of sexual assault victims that will enhance their well-being; and to develop an intervention for victims and their support network using pilot data results.

Department of Economics

GEORGIOS KARRAS, Professor

First semester 2015-16, full pay

To investigate whether the economic effects of tax changes are asymmetric and nonlinear by constructing an extensive data set that will include time series on tax rates, measures of economic activity, and other macroeconomic variables; and to identify and develop econometric techniques suitable for the estimation of these effects on the economy.

Department of English

LISA A. FREEMAN, Associate Professor

Second semester 2015-16, full pay

To begin research and to write a book tentatively titled, "*The Novelty of Progress: History, Allegory, and the Early Modern Novel*," to contribute to how the novel has been understood both as a cultural artifact and a measure of cultural achievement.

DAVID W. SCHAAFSMA, Professor

First semester 2015-16, full pay

To work on a co-edited collection of scholarly essays addressing the nature of teaching English entitled, "*The Tyranny of Argument: Rethinking the Teaching of Writing*," which challenges the status quo approach that argument is the only kind of writing that should be taught in schools.

Gender and Women's Studies Program

GAYATRI REDDY, Associate Professor

Second semester 2015-16 and first semester 2016-17, one-half pay

To conduct field research on constructions of belonging and meanings of race/blackness and masculinity in India, through the lens of the African or Siddi community, exploring the intersections of race with gender, caste, and region.

Department of History

JONATHAN DALY, Professor

First semester 2015-16, full pay

To research and begin writing a monograph on the history of forced collectivization of agriculture in Russia under Stalin in 1929-1933.

ROBERT D. JOHNSTON, Professor

Second semester 2015-16, full pay

To complete research and to write a general synthetic history that seeks to reshape the way one thinks about the past, present, and future of the American middle class, which will serve as the first comprehensive history of this class.

Department of Latin American and Latino Studies

YOLANDA XOCHITL BADA GARCIA, Associate Professor

Second semester 2015-16, full pay

To analyze data recently collected for a new translational labor advocacy project and to collaborate on an edited book on consular advocacy strategies to enforce labor rights protections to workers in the Americas.

AMALIA V. PALLARES, Associate Professor

Second semester 2015-16, full pay

To conduct research for a book entitled, "*Worthy and Respectable*," a comparative analysis of Latino and African-American political discourses utilized in immigrant rights and civil rights struggles; and to continue work on three different co-authored journal articles.

JAVIER VILLA-FLORES, Associate Professor

Academic year 2015-16, one-half pay

To complete research and to continue writing a book on crimes of falsity (e.g., perjury, counterfeiting, falsification of documents) in colonial Mexico, which explores the paradoxical relationship between public faith, deception, and colonial domination.

Department of Linguistics

JESSICA S. WILLIAMS, Professor

Second semester 2015-16, full pay

To prepare a book-length treatment of materials development from the dual perspectives of second language research and theory and the exigencies of the textbook market.

Department of Mathematics, Statistics, and Computer Science

LAWRENCE MAN HOU EIN, Professor

First semester 2015-16, full pay

To conduct research in algebraic geometry; and to study the geometry of algebraic curves and theory of singularities with collaborators at Stony Brook University and the University of Michigan.

DANIEL PETER GROVES, Professor

First semester 2015-16, full pay

To focus on writing projects: a graduate textbook in hyperbolic groups and a research monograph on parametrizing surface bundles; and to work with collaborators on new research: cube complexes and maps to Kleinian groups.

DHRUV MUBAYI, Professor

Second semester 2015-16, full pay

To study fundamental questions in extremal and probabilistic combinatorics, including quasi random hyper graphs and Turan type problems, building on long-term research goals.

Department of Philosophy

CONSTANCE C. MEINWALD, Associate Professor

Academic year 2015-16, two-thirds pay

To investigate lines of research on Plato's theory of forms that arose in the preparation of the volume *PLATO*, commissioned for the Routledge Philosophers Series, which require more specialized and technical treatment than included in that publication.

Department of Physics

DIRK K. MORR, Professor

Second semester 2015-16, full pay

To develop a theoretical framework for the evolution of complex physical properties from the nano to the macro scale in strongly correlated materials ranging from unconventional superconductors to heavy fermion materials.

Department of Psychology

JENNIFER WILEY, Professor

Academic year 2015-16, one-half pay

To pursue collaborative research and explore how bilingualism improves creative cognition, examine capacities that are altered by bilingualism, and gain expertise in neuro-methods that inform these questions.

Department of Sociology

CLAIRE LAURIER DECOTEAU, Associate Professor

Academic year 2015-16, one-half pay; or first semester 2015-16, full pay

To conduct research in Minneapolis, Minnesota, and Toronto, Canada, with Somali families who have children with autism, exploring how racial and national minorities interpret being part of an autism cluster; and to write a monograph based on the findings.

BARBARA J. RISMAN, Professor

Academic year 2015-16, two-thirds pay

To finish a book tentatively titled, "*Where Will the Millennials Take Us: Transforming Gender as a Social Structure*;" and to further a research agenda on intimacy and aging.

COLLEGE OF MEDICINE

Department of Medicine

IRENA LEVITAN, Professor

August 16, 2015 through May 15, 2016, full pay

To extend studies of cholesterol regulation of cardiovascular ion channels to the in vivo models of atherosclerosis and vascular inflammation.

COLLEGE OF PHARMACY

Department of Biopharmaceutical Sciences

SEUNGPYO HONG, Associate Professor

First semester 2015-16, full pay

To learn and strengthen the biological and translational sides of current research projects on drug delivery and cancer-related research; and to explore new avenues of research in collaboration with researchers at Nanyang Technological University and Korea Institute of Science and Technology.

ZAIJIE WANG, Professor

Second semester 2015-16, two-thirds pay

To gain research perspective and knowledge of the most current technology and applications in the areas of neurodegenerative diseases in the field of stem cell technology.

COLLEGE OF URBAN PLANNING AND PUBLIC AFFAIRS

Urban Planning and Policy

NIKOLAS THEODORE, Professor

Academic year 2015-16, two-thirds pay

To work on a book manuscript on day laborer organizing, with a focus on how day laborers have developed strategies for improving conditions in the information economy.

SANJEEV VIDYARTHI, Associate Professor

Academic year 2015-16, one-half pay

To study the ongoing change at the regional scale of post-liberalization India and its rapid transformation, concentrating on planning efforts for diverse settlements emerging across the new industrial geography and adjacent hinterland between the city of Jaipur and Delhi.

MOIRA L. ZELLNER, Associate Professor

Academic year 2015-16, two-thirds pay

To complete writing of research projects on complexity-based modeling and water, land use, and transportation planning; to create new research opportunities in participatory modeling and energy planning; and to plan the foundation for a book on complexity and sustainability.

SPRINGFIELD

COLLEGE OF BUSINESS AND MANAGEMENT

Department of Management Information Systems

ATUL AGARWAL, Associate Professor

Second semester 2015-2016, full pay

To study the implementation status of green supply chain practices among large and medium sized U.S. manufacturing companies in the Midwest region.

COLLEGE OF LIBERAL ARTS AND SCIENCES

Department of Communication

JAMES WILLIAM GRUBBS, Associate Professor

Second semester 2015-2016, full pay

To investigate best practices for the integration of student media organizations into academic curriculum as formal internship and practica experiences.

ELIZABETH N. RIBARSKY, Associate Professor

First semester 2015-2016, full pay

To complete a book that applies communication theory and concepts to social interaction, specifically the dating experience.

Department of Computer Science

SVIATOSLAV BRAYNOV, Associate Professor

First semester 2015-2016, full pay

To analyze empirical data on human trust focusing on the development of a formal computational model that can describe, explain, and predict neurobiological aspects of human judgment and decision-making.

Department of History

ELIZABETH KOSMETATOU, Associate Professor

Second semester 2015-2016, full pay

To complete research and to write a book on the social and cultural history of Classical Greece.

Department of Liberal and Integrative Studies

WILLIAM EDWARD KLINE, JR., Associate Professor

Second semester 2015-2016, full pay

To examine the ethical impacts of different institutional arrangements on commerce and regulation within and in association with the Navajo Nation.

ROSINA NEGINSKY, Associate Professor

Academic year 2015-2016, two-thirds pay

To complete research and to write a book that incorporates a comparative analysis of the works of two Symbolist artists, Michael Vrubel and Odilon Redon.

Department of Women and Gender Studies

MICHAEL MURPHY, Assistant Professor

Second semester 2015-2016, full pay (contingent upon award of tenure)

To research shifts in gender and sexual ideology in early 20th century America through the analysis of periodical advertising illustrations by the commercial illustrator J.C. Leyendecker.

LIBRARY INSTRUCTIONAL SERVICESLibrary Instructional Services

PAMELA M. SALELA, Associate Professor

August 16, 2015 through May 15, 2016, full pay

To complete formal coursework on community informatics research methods and to apply increased knowledge of information technologies to serve the information needs of various campus and community populations.