

Board Meeting
March 7, 2013

SABBATICAL LEAVES OF ABSENCE, 2013-14

Action: Approve Sabbatical Leave Requests

Funding: No New Funding Required

The Chancellors at Urbana-Champaign, Chicago, and Springfield, and Vice Presidents, University of Illinois 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 SCIENCESDepartment of Agricultural and Biological Engineering

RICHARD A. C. COOKE, Associate Professor

First semester 2013-14, full pay

To develop a training course and to conduct international research on drainage and water management, including optimizing the use of Integrated Rainfall Harvesting for crop production.

XINLEI WANG, Associate Professor

First semester 2013-14, full pay

To study advanced solar energy technologies; and to develop instructional material for renewable energy courses.

Department of Food Science and Human Nutrition

MANABU T. NAKAMURA, Associate Professor

First semester 2013-14, full pay

To collaborate on research investigating the role of highly unsaturated fatty acids in brain function, which may optimize nutrition for child development and prevention of dementia; and to study applicable state-of-the-art neuroscience research techniques.

Department of Natural Resources and Environmental Sciences

COURTNEY G. FLINT, Associate Professor

Academic year 2013-14, two-thirds pay

To conduct independent research to integrate social science into long-standing biophysical research on water quality, fisheries, and shoreline dynamics; and to collaborate with other researchers and stakeholders on a modeling effort and on formation of a knowledge portal.

COLLEGE OF APPLIED HEALTH SCIENCES

Department of Kinesiology and Community Health

DAVID M. BUCHNER, Professor

Second semester 2013-14, two-thirds pay

To complete research publications on physical activity and health in older adults; and to enhance objective measures of physical activity.

EDWARD MCAULEY, Professor

First semester 2013-14, full pay

To develop interdisciplinary collaborations with colleagues in health psychology, neuroscience, and gerontology, in order to develop a model to better understand the role of cognitive processes in physical activity behavior in older cancer survivors.

ROBERT W. MOTL, Associate Professor

Academic year 2013-14, two-thirds pay

To expand expertise in learning the background, methods, and analysis of brain imaging approaches, including Magnetic Resonance Imaging (MRI) and optical coherence tomography, for integration into ongoing and subsequent research on the neural basis of adaptations that accrue with exercise training in persons with multiple sclerosis.

Department of Recreation, Sport and Tourism

MONIKA STODOLSKA, Professor

First semester 2013-14, full pay

To complete work on a co-edited book *Leisure Matters: The State and Future of Leisure Studies*, which is intended to serve as an in-depth reference on the state of leisure studies.

COLLEGE OF BUSINESS

Department of Accountancy

MARK EVERETT PEECHER, Professor

First semester 2013-14, full pay

To research newly emerging audit standards and relevant psychological theory of “intuitive” judgment and decision making; and to study how certain changes to auditors’ accountabilities could enhance their judgment processes, potentially enhancing improvement in audit quality.

Department of Business Administration

JANET E. L. BERCOVITZ, Associate Professor

Academic year 2013-14, two-thirds pay

To advance a newly funded study on the role of foundations as sponsors in the evolving university research enterprise; and to draft a book on the organizational aspects of university-industry technology transfer, based on prior research in this area.

MARCELO BUCHELI, Associate Professor

Academic year 2013-14, two-thirds pay

To write two articles: the first on the historical research methods in business and the second on a comparison of French and American multinationals in Africa and Latin America; and to conduct archival research for a book on oil multinationals corporations.

YUNCHUAN LIU, Associate Professor

First semester 2013-14, full pay

To complete a series of research projects that have long-term impact in the field of marketing, particularly in the effects of power retailers on marketing distribution channel relationship.

SHARON SHAVITT, Professor

Second semester 2013-14, full pay

To conduct collaborative research on the factors that impact consumers' power goals, including cultural factors; and to gain knowledge of current methods in the study of power states and motivations.

MICHAEL JENG-PING SHAW, Professor

Academic year 2013-14, two-thirds pay

To study cloud computing, social media, mobile services, and big data (CSMB) developments for innovative business applications and for enriching research and teaching programs.

RAMANATH SUBRAMANYAM, Associate Professor

Second semester 2013-14, full pay

To write a book that addresses how consumers can drive firm strategies, thereby influencing environmental sustainability efforts of firms. This book, to be self-published via E-learning technology, will help to better understand the role of information systems and information technology on environmental sustainability.

COLLEGE OF EDUCATION

Department of Curriculum and Instruction

LIORA BRESLER, Professor

Second semester 2013-14 and first semester 2013-14, two-thirds pay

To collaboratively edit a book on sources of inspiration in scholarship; and to analyze previously collected data on educational opportunities of 45 arts performances, culminating in papers which will serve as the foundation for a future book on the topic.

MARGERIE OSBORNE, Professor

Second semester 2013-14, full pay

To conduct a study of how early elementary school age children participate in and make sense of science and the role teachers play in this process; and to complete research and publish manuscripts in early childhood STEM education that focus on students in both regular and bilingual classrooms, and the uses of innovative visualization technology by elementary teachers.

ARLETTE I. WILLIS, Professor

Second semester 2013-14, full pay

To examine the application of Freire's scholarship in graduate and undergraduate teacher education programs; and to collaborate with researchers to reconceptualize and address how to curtail the effects of systematic economic and social injustices in education.

Department of Education Policy, Organization and Leadership

NICHOLAS C. BURBULES, Professor

Academic year 2013-14, two-thirds pay

To complete two books, one on "situated philosophy of education" (what it means to carry out scholarship connected to contextual issues of policy and practice); and one on teaching communicative virtues (fostering the personal dispositions that enable effective communication, like listening, explaining, etc.).

DONALD HACKMANN, Associate Professor

Second semester 2013-14, full pay

To conduct research on the college/career preparation of high school students, with a focus on the school principal's role in facilitating career exploration; and to continue writing a book addressing college and career readiness strategies in high school.

CRIS SUSAN MAYO, Professor

First semester 2013-14, full pay

To complete a book entitled, *Lesbian, Gay, Bisexual, and Transgender Issues in Education*; and to begin research on environmental education at a school with its own nature park, garden, and relationship with the town compost project.

Department of Educational Psychology

DANIEL G. MORROW, Professor

Second semester 2013-14, full pay

To integrate scholarship and research in the cognitive science of learning with research related to learning and education in health care settings in order to theoretically ground patient education research as well as develop principles of learning in context, consistent with education as a 'use-inspired' theoretical discipline.

THOMAS A. SCHWANDT, Professor

Second semester 2013-14, full pay

To conduct research in order to begin writing a book tentatively entitled, *Evaluation Foundations Revisited: Theory, Value, Evidence, Politics and Use*, which will include issues crucially important in our society, such as the role of theory and scientific integrity in evaluation, and the role of evaluation in politics.

Department of Special Education

SUSAN A. FOWLER, Professor

First semester 2013-14, full pay

To write three to five journal articles and technical reports on the alignment and integration of early childhood education and special education services in Illinois and nationally; and to prepare for future research on these issues.

COLLEGE OF ENGINEERING

Department of Aerospace Engineering

JOHN LAMBROS, Professor

Academic year 2013-14, one-half pay

To conduct collaborative research on novel aspects of materials response under extreme loading conditions of high thermal and vibrational loads.

Department of Civil and Environmental Engineering

DANIEL P. ABRAMS, Professor

Academic year 2013-14, two-thirds pay

To compile research results and information on seismic rehabilitation of unreinforced masonry building with particular attention to global aspects; and to prepare a book on this topic.

YOUSSEF M.A. HASHASH, Professor

Second semester 2013-14, full pay

To conduct collaborative research on sustainable underground space development, and on seismic hazard and site response.

PRAVEEN KUMAR, Professor

First semester 2013-14, full pay

To develop a research program dealing with water security in the context of climate change and human population increase, and to lead a collaborative effort on Information Technology Research Academy for water sustainability.

DAVID A. LANGE, Professor

Second semester 2013-14 and first semester 2014-15, two-thirds pay; or first semester 2014-15, full pay

To conduct research on microstructure and properties of cement-based materials in order to advance understanding of entrained air systems, leading to improvements in the durability of concrete.

BENITO JOSE MARINAS, Professor

Academic year 2013-14, two-thirds pay; or second semester 2013-14, full pay

To collaborate on developing a new area of interdisciplinary research on safe global water and sanitation.

BARBARA S. MINSKER, Professor

Second semester 2013-14 and first semester 2014-15, two thirds pay; or second semester 2013-14, full pay

To research and study ecosystem and social issues related to sustainability and resilience; and to develop novel methods for civil engineering planning, design and management that consider these criteria.

Department of Computer Science

GUL A. AGHA, Professor

Academic year 2013-14, two-thirds pay

To develop a new foundation for programming robust, scalable systems for cyber physical applications by incorporating concepts from biology, quantum computing, probability theory, and learning.

ROBIN HILLARY KRAVETS, Associate Professor

Second semester 2013-14, full pay

To collaborate on mobile social networking, vehicular network, and low-power sensor systems for monitor animals.

MANOJ M. PRABHAKARAN, Associate Professor

Academic year 2013-14, two-thirds pay

To collaborate on foundational questions at the intersection of cryptography (how we keep information secret) and computational complexity (how we know some computing questions can or cannot ever be answered in a practical amount of effort).

DAN ROTH, Professor

Academic year 2013-14, one-half pay

To conduct collaborative research on textual entailment, information trustworthiness, and information extraction and its applications in the social sciences; and to complete a text on Learning and Inference in Natural Language Processing.

LUI RAYMOND SHA, Professor

Academic year 2013-14, one-half pay

To integrate research on security with that of real time fault tolerant computing systems embedded in, for instance, vehicles, avionics, spacecraft, and civilian infrastructure systems such as buildings and the electrical power grid.

Department of Electrical and Computer Engineering

NIKITA BORISOV, Associate Professor

Academic year 2013-14, two-thirds pay; or first semester 2013-14, full pay

To develop an understanding of the technical, operational, and policy issues affecting Internet freedom and privacy; and to develop and strengthen collaborations.

YORAM BRESLER, Professor

Second semester 2013-14 and first semester 2014-15, two-thirds pay

To collaborate on research in signal and image processing in the areas of biomedical imaging and compressive sensing.

SETH HUTCHINSON, Professor

First semester 2013-14, two-thirds pay

To study new computational methods for managing uncertainty in robotic systems, with a focus on navigation, sensing, and manipulation tasks.

JEAN-PIERRE LEBURTON, Professor

Second semester 2013-14, full pay

To continue researching the use of semiconductor technology for bio-sensing and bio-manipulation at the nanoscale; and to collaborate on modeling of graphene electronic devices.

XIULING LI, Associate Professor

First semester 2013-14, full pay

To explore collaborations for establishing a long-term roadmap on the fundamental understanding and potential applications of a new nanotechnology paradigm – 3D functional hierarchical architectures for heterogeneous integration.

Department of Industrial and Enterprise Systems Engineering

LIMING FENG, Associate Professor

Academic year 2013-14, one-half pay

To further study theory and numerical methods for solving control problems that arise in financial engineering.

ANGELIA NEDICH, Associate Professor

First semester 2013-14, full pay

To collaborate on research developing centralized and decentralized computational models for efficient solutions to non-convex problems while providing provable global solutions.

Department of Materials Science and Engineering

PASCAL BELLON, Professor

Second semester 2013-14, full pay

To conduct collaborative research in the material science of friction and wear for designing materials with high wear resistance. The knowledge gained through this research will be taught in junior and senior level courses.

Department of Mechanical Science and Engineering

MOSHE MATALON, Professor

Second semester 2013-14, full pay

To conduct collaborative research on turbulent combustion, using a novel approach based on physical first principles, in order to develop the scientific fundamentals needed for efficient and environmentally-friendly energy conversion of fossil fuels.

PRASHANT GIRDHARILAL MEHTA, Associate Professor

Academic year 2013-14, two-thirds pay

To pursue practical applications for theoretical research in the area of nonlinear estimation.

DANIEL A. TORTORELLI, Professor

Academic year 2013-14, two-thirds pay; or first semester 2013-14, full pay

To complete a book on optimal design; to develop a Coursera course on the subject matter; to collaborate with faculty in solid mechanics to develop thin film simulations; and to conduct research on materials process and applications of novel material, with possible work on optimization.

NING WANG, Professor

First semester 2013-14, full pay

To collaborate in research and study of mechanics of tumor metastasis colonization in in vitro and in vivo animal models.

Department of Nuclear, Plasma and Radiological Engineering

LING JIAN MENG, Associate Professor

Academic year 2013-14, one-half pay

To conduct a series of Single Photon Emission Computed Tomography and Positron Emission Tomography imaging studies; to develop future nuclear image techniques; and to evaluate a hybrid nuclear/Magnetic Resonance imaging technology developed at the University of Illinois for cutting-edge applications in molecular imaging.

Department of Physics

JAMES N. ECKSTEIN, Professor

Second semester 2013-14, full pay

To carry out, and to research the design of the delicate experiments that characterize the dynamics of fabricated quantum circuits and their application to quantum information systems.

AIDA X. EL-KHADRA, Professor

Academic year 2013-14, two-thirds pay; or first semester 2013-14, full pay

To carry out definitive calculations of the strong-interaction effects on processes involving heavy quarks.

YOSHITSUGU OONO, Professor

Academic year 2013-14, one-half pay

To complete a textbook of statistical mechanics free from inaccurate traditional folklores and prejudices; and to pursue mathematics of integrative natural history (phenomenology of biological systems), and collaborate to make this a major topic of a new Institute.

KLAUS J. SCHULTEN, Professor

Second semester 2013-14, full pay

To conduct collaborative research in bacterial ribosomes and eukaryotic (yeast) ribosomes, to study their atomic level structure, dynamics, and transcription control, as well as the folding of nascent protein.

SCOTT S. WILLENBROCK, Professor

First semester 2013-14, full pay

To gain a thorough education on energy; and to use that knowledge to produce high quality materials to enable secondary-school teachers to incorporate energy education in their curricula.

COLLEGE OF FINE AND APPLIED ARTS

School of Architecture

LYNNE MARIE DEARBORN, Associate Professor

First semester 2013-14, full pay

To complete analysis of data already collected and to develop a book manuscript based on this analysis that compares and contrasts themes of cultural heritage, tourism, and modifications to traditional village spatial organizations and housing in four Hmong Villages in Northern Thailand.

RALPH EUGEN HAMMANN, Associate Professor

Academic year 2013-14, one-half pay

To conduct research on current technology developments in building enclosure/façade technology, as they pertain to human comfort and energy consumption, focusing on 15 large to medium size office building case studies.

ALEJANDRO LAPUNZINA, Professor

First semester 2013-14, full pay

To write a book dedicated to the architectural and urbanistic work of Le Corbusier in the Americas.

School of Art and Design

MELISSA POKORNY, Associate Professor

Second semester 2013-14, full pay

To make a series of sculptural works that investigate the meaning of place by examining how the experience, and subsequent memory, of place is recalled and calibrated via the material world and sensory phenomena.

LISA ROSENTHAL, Associate Professor

Second semester 2013-14, full pay

To conduct research and to advance the writing of a monograph on the image of the art collection in seventeenth century Flemish painting and in the work of contemporary artists.

BILLIE J. THEIDE, Professor

First semester 2013-14, full pay

To create one of a kind jewelry that combines bone with precious metal, gemstones, fossils, and minerals; to expand on a body of brooches that mimic vintage tableware; and to seek group and solo exhibition venues for select bodies of work.

DAVID DEKE WEAVER, Associate Professor

Academic year 2013-14, two-thirds pay

To present transdisciplinary live performance, *Wolf*; to lecture about *Wolf*; to tour the *Wolf* performance; and to start research for, *Lions and Tigers and Bears*, the next performance in a life-long project, *The Unreliable Bestiary*.

DAVID IAN WEIGHTMAN, Professor

Second semester 2013-14, full pay

To evaluate low cost hardware and software tools for Computer Aided Design modeling, scanning, and rapid prototyping. These tools have developed in capability and fallen in cost, making them worthy of investigation for use by non-expert users.

Department of Dance

SARA HOOK, Professor

Second semester 2013-14, full pay

To complete a collaborative choreographic work; and to continue writing, editing, and soliciting chapters from potential contributors for a volume on choreographic process entitled, *Nudging the Muses*.

School of Music

MICHAEL J. CAMERON, Professor

First semester 2013-14, full pay

To revise and to update a previous book for double bass entitled, *Etudes, Book One*; and to complete a new volume entitled, *Etudes, Book Two*.

TIMOTHY J. EHLEN, Associate Professor

Second semester 2013-14, full pay

To work toward completion of recordings of the complete Beethoven Piano Sonatas; and to expand performance and teaching opportunities of these and other works nationally and internationally.

GUY E. GARNETT, Associate Professor

First semester 2013-14, two-thirds pay

To collaborate to prepare material for writing an operatic work on the people and ideas of physics; and to visualize and sonify these ideas in the Allosphere.

DENNIS HELMRICH, Professor

Second semester 2013-14, full pay

To write English supertitles for Mozart's *Die Entführung aus dem Serail*, *La clemenza di Tito*, and *Idomeneo*; to prepare an English singing translation of Cavalli's opera, *La Calisto*; and to write a pamphlet on how to write supertitles.

JAMES E. PUGH, Professor

Second semester 2013-14, full pay

To write an instructional etude text addressing various aspects of trombone technique; to research neuro-perceptual relationship between tongue and hand as it relates to articulation and trombone slide coordination; and to complete the design and testing of a new trombone and valve assembly.

RONALD ROMM, Professor

Second semester 2013-14, full pay

To research Italian folksongs to be used in a collection of arrangements for solo trumpet and either piano, brass chamber ensemble, or trumpet ensemble.

Department of Urban and Regional Planning

BRIAN M. DEAL, Associate Professor

Academic year 2013-14, two-thirds pay

To produce a definitive publication on experiences developing and deploying a planning support system; and to develop an area of inquiry on sustainability and comparative cities research with collaborators.

GRADUATE SCHOOL OF LIBRARY AND INFORMATION SCIENCE

JEROME PATRICK MCDONOUGH, Associate Professor

Academic year 2013-14, two-thirds pay

To create standards for describing information resources, requiring negotiating a shared understanding of those resources' significant traits; and to study these negotiation processes to determine how they later affect scholars' ability to obtain and use scientific data and literature.

TERRY WEECH, Associate Professor

Academic year 2013-14, one-half pay; or first semester 2013-14, full pay

To explore patterns of employment of graduates of Schools of Library and Information Science in traditional and alternative careers in the digital age, and to assess the role of providing specializations in the curriculum in relation to finding desired career positions.

COLLEGE OF LAW

AMITAI AVIRAM, Professor

Second semester 2013-14, full pay

To develop a program and a textbook for training law students who plan careers as regulators, compliance officers, or in-house counsel with an understanding of business strategy, business literacy, and business intelligence skills.

ARGARETH ETIENNE, Professor

Second semester 2013-14 and first semester 2014-15, two-thirds pay

To complete the data collection for an empirical research project on juvenile right to counsel and to complete that article for publication; to write a book proposal on defense lawyering; and to update and revise teaching materials for two courses.

RICHARD J. ROSS, Professor

Academic year 2013-14, two-thirds pay

To conduct research on the rule of law in early America and how it differed from the rule of law in the Spanish and French New World empires, in order to understand how the early United States came to see itself as a particularly law-centered society.

COLLEGE OF LIBERAL ARTS AND SCIENCES

American Indian Studies Program

LEANNE H. WILSON, Professor

Second semester 2013-14 and first semester 2014-15, one-half pay

To conduct research on the Father of New Orleans, Jean Baptiste Bienville, for a book project about Choctaws from the Lower Mississippi Valley who traveled to Paris in 1750 to live with Bienville in Paris.

Department of Anthropology

JANE DESMOND, Professor

Academic year 2013-14, one-half pay

To conduct research and to begin writing a book about the organization and practice of Veterinary Medicine, with special attention to its dramatic feminization during the past 30 years when participation shifted from 95 percent male to 95 percent female.

ALMA J. GOTTLIEB, Professor

Second semester 2013-14, full pay

To conduct ethnographic field research for a new book on Cape Verdean immigrants and Cape Verdean-Americans who have Jewish ancestry; and to incorporate research findings into existing courses.

LISA J. LUCERO, Professor

Second semester 2013-14, full pay

To write a series of articles for academic and public venues on the role of water in ancient societies including the impact of climate change, the wetlands biosphere, and water rituals.

Department of Astronomy

TONY WONG, Associate Professor

First semester 2013-14, full pay

To conduct collaborative research on developing a new method of measuring the star-forming gas in nearby galaxies at a resolution far greater than currently obtainable.

School of Chemical SciencesDepartment of Chemical and Biomolecular Engineering

DEBORAH E. LECKBAND, Professor

First semester 2013-14, two-thirds pay

To conduct collaborative research on the biochemical and cell biological basis of ventilator/mechanically induced lung injury; and to investigate the impact of genetic mutations on how cells and tissues respond to mechanical forces.

CHRISTOPHER V. RAO, Associate Professor

Academic year 2013-14, two-thirds pay

To learn techniques in protein biochemistry, identifying new sources of protein and approaches for economically producing proteins. Proteins are the single largest cost in biofuel production.

Department of Chemistry

ZAIDA ANN LUTHEY-SCHULTEN, Professor

Second semester 2013-14, full pay

To conduct collaborative research on whole cell stochastic simulations on cellular processes in microbes and the dynamical interaction networks in the translational pathway.

Department of Communication

JOHN PATRICK CAUGHLIN, Professor

Second semester 2013-14, full pay

To write a book on interpersonal communication, building on previous theoretical work, which will integrate two broad areas in this literature, relational outcomes (satisfaction) and how interaction works, demonstrating how both can be made richer and more practical.

BRIAN L. QUICK, Associate Professor

First semester 2013-14, full pay

To conduct research on resistance to persuasive messages, namely the role of cognitive dissonance and psychological reactance in promotion of organ donation among individuals aged 50 to 64.

School of Earth, Society, and EnvironmentDepartment of Geography and Geographic Information Science

THOMAS J. BASSETT, Professor

Second semester 2013-14, two-thirds pay

To analyze data and field notes on changes in agricultural systems at the village level in northern Côte d'Ivoire based on ethnographic and survey research conducted between 1998 and 2012; and to write two journal articles based on data analysis and fieldwork on the dynamics of agrarian changes and their significance to research on climate change adaptation research.

JULIE L. CIDELL, Associate Professor

Academic year 2013-14, one-half pay

To conduct research and to write a book on urban environmental policy, studying the extent to which programs designated by a city as contributing to sustainability and/or climate change have an evaluation mechanism and to what extent that mechanism is being employed.

COLIN FLINT, Professor

Second semester 2013-14, full pay

To conduct final research and to continue writing a research monograph entitled, *Geopolitical Constructs*, which advances political geography theory using a case study of the construction of the Mulberry Harbours, the artificial harbors used in the Normandy Landings of World War II.

EZEKIEL KALIPENI, Professor

First semester 2013-14, two-thirds pay; or second semester 2013-14, full pay

To research the impact of environmental change (deforestation) on the ecology of vector born (carrier) diseases, such as Malaria.

Department of Economics

SEUNG-HYUN HONG, Associate Professor

Second semester 2013-14 and first semester 2014-15, two-thirds pay

To study the policy implications of brokerage structure and bargaining power in real estate markets.

DANIEL P. MCMILLEN, Professor

First semester 2013-14, full pay

To work on a project modeling and comparing decisions for locations of automobile supplier plants in the United States and Europe; and to develop new empirical procedures for discrete choice models with spatial data.

STEPHEN LAWRENCE PARENTE, Associate Professor

First semester 2013-14, full pay

To conduct research on the wealth and poverty of nations, with particular attention to the causes and consequences of the *Industrial Revolution*.

Department of English

DENNIS E. BARON, Professor

First semester 2013-14, full pay

To write a book on language and the law to include: how the law makes meaning, together with sections on how specific laws deal with language issues; official language; minority language rights and protections; language as property; copyright and trademark; free speech; protected and unprotected speech; language in the workplace; rights of employers/employees; and challenges to language law posed by computers and the Internet.

PHILIP GRAHAM, Professor

First semester 2013-14, full pay

To write a novel, *Invisible Country*, based on the Beng people of Côte d'Ivoire, West Africa, who live their lives among unseen beings; and to complete a novella, *Dreaming Towers*, which examines the personal history of a fictional character haunted by the images of destruction on September 11th.

JANICE HARRINGTON, Associate Professor

Second semester 2013-14, full pay

To research and to write two books of poetry, the first of which will address the life and work of Horace H. Pippin, an African American folk artist; and the second of which will respond to the natural environment.

FEISAL MOHAMED, Professor

First semester 2013-14, full pay

To participate in the legal training necessary to advance two book projects: *Republican Political Theology in the Age of Hobbes* and *Civil Theology: A Legal and Cultural History of the Throne-Altar Divide*, and to further inform interdisciplinary teaching in humanities and law.

JUSTINE SUMMERHAYES MURISON, Associate Professor

Academic year 2013-14, one-half pay

To conduct archival research on the relation between religion and fiction in nineteenth-century United States; and with the research completed, to begin writing a monograph on the subject.

ANTHONY POLLOCK, Associate Professor

Academic year 2013-14, two-thirds pay

To complete research and to write a monograph on the relationship between philosophical accounts of "human nature" and conflicting conceptualizations of

masculinity and political citizenship in seventeenth and eighteenth century English literature and culture.

GILLEN D' ARCY WOOD, Professor

First semester 2013-14, full pay

To complete a book entitled, *Frankenstein's Weather: Mount Tambora and the Global Climate Emergency, 1815-18*, an interdisciplinary study on social and environmental history, which will also inform new course development on environmental change and sustainability; and to complete two commissioned articles, one on Shelley and one on Stendahl.

Department of Gender and Women's Studies

KAREN FLYNN, Associate Professor

Second semester 2013-14, full pay

To complete interviews and to conduct intensive archival research for a book project on the travel itineraries of Black people who cross borders for work or for leisure; it will contribute to our knowledge of transnational dynamics and identity formation among people of African descent.

MIMI THI NGUYEN, Associate Professor

Second semester 2013-14, full pay

To write a book, *The Promise of Beauty*, on the topic of transnational feminist studies, with attention to critical inquiries about institutions and intuitions for aid and the social good in a global age.

Department of History

JAMES R. BARRETT, Professor

First semester 2013-14, full pay

To complete research on and to write a new history of the city of Chicago, focusing particularly on relations between ethnic and racial groups.

KEITH HITCHINS, Professor

First semester 2013-14, one-half pay

To complete a *History of Southeastern Europe, 1352-1807*, which covers the region's political, economic, social, and cultural development and places it within the broad context of international relations, in order to show the distinctiveness of Southeastern Europe between East and West.

NILS P. JACOBSEN, Associate Professor

Second semester 2013-14, full pay

To complete a book entitled, *Peru in Revolution: The Civil War of 1894-1895 for the Formation of the Nation's Modern Political Culture*, which revises our understanding of the history of revolutions in Latin America and of modern Peru.

HARRY M. LIEBERSOHN, Professor

Academic year 2013-14, one-half pay; or first semester 2013-14, full pay

To conduct research; and to write a monograph on the globalization of music, 1877-1939.

LESLIE JEAN REAGAN, Professor

Second semester 2013-14, full pay

To complete research and to draft a book entitled, *Living With Agent Orange in the United States and Vietnam: The History of a Reproductive Hazard*, which examines American and Vietnamese perspectives of the infertility and birth defects associated with the herbicide and the movements that arose around the herbicide.

DAVID R. ROEDIGER, Professor

First semester 2013-14, full pay

To write a book on the emancipation of slaves in the United States, planned to mark the 150th anniversary of the 13th Amendment to the United State Constitution, which will include topics of women's rights and the movement for a shorter work day; it is anticipated to change how the history of Reconstruction will be taught.

MARK D. STEINBERG, Professor

First semester 2013-14, full pay

To complete a book entitled, *The Russian Revolution, 1905-1921*, a work exploring how history was experienced and made meaningful by those living through it, with key themes of the influence of social inequalities, how freedom was imagined and practiced, and the uses and meanings of violence; it is anticipated that the book will be widely adopted for classroom use.

MARIA N. TODOROVA, Professor

Academic year 2013-14, two-thirds pay

To research and to write a monograph on the cultural history of early socialism in Bulgaria in the wider context of Eastern Europe and the global socialist framework of the First and Second International (International Workingmen's Association and the Socialist International organization).

School of Integrative Biology

Department of Animal Biology

ANDREW SUAREZ, Associate Professor

Second semester 2013-14, full pay

To conduct collaborative ecological and genetic research on ants introduced in Northern Australia whose biology is currently relatively unknown.

Department of Plant Biology

RAY R. MING, Professor

Academic year 2013-14, two-thirds pay

To conduct research on sex chromosomes and sex determination in papaya for establishing a fluid reproductive system that has the potential to apply to other crops, including corn and soybean, the major crops in the State of Illinois.

Department of Latina/o Studies

LISA MARIE CACHO, Associate Professor

Second semester 2013-14, full pay

To research and to write a book on the changes to educational policy since the 1990s that have adversely affected students of color.

School of Literatures, Cultures and LinguisticsDepartment of the Classics

JON SOLOMON, Professor

First semester 2013-14, full pay

To prepare and to complete volumes II & III of the Latin edition and English translation of Giovanni Boccaccio's *Genealogy of the Pagan Gods*, which will be the first complete English translation of the work available to researchers and students.

Department of Linguistics

RAKESH MOHAN BHATT, Professor

First semester 2013-14, full pay

To complete a book manuscript on English bilingualism in India, analyzing the indexical effects of mobilizing local linguistic resources (Hindi, Kashmiri, Punjabi) in the use of English.

IRENE ANN KOSHIK, Associate Professor

Second semester 2013-14, full pay

To review recent conversation analysis literature; and to write a textbook that makes this literature accessible to current and prospective teachers of English to speakers of other languages.

Department of Religion

WAYNE T. PITARD, Professor

First semester 2013-14, full pay

To complete a catalogue publication of the Spurlock Museum's important collection of ancient Mesopotamian cylinder seals. Utilization of groundbreaking Reflectance Transformation Imaging technology will provide advanced imaging of the seals never before available for this type of artifact.

Department of Slavic Languages and Literatures

RICHARD V. TEMPEST, Associate Professor

Second semester 2013-14, full pay

To conduct research for a study of charismatic politics in the post-communist societies of Eurasia, with special emphasis on President Vladimir Putin of Russian and Prime Minister Boyko Borisov of Bulgaria. The results of this research will be incorporated into courses offered in Slavic department and in the Russian, East European, and Eurasian Center.

Department of Spanish, Italian and Portuguese

ERICKA BECKMAN, Associate Professor

Academic year 2013-14, one-half pay

To conduct research for and to work toward completing a book on militaries, racism, and literature in nineteenth century Latin America.

SILVINA ANDREA MONTRUL, Professor

First semester 2013-14, full pay

To write a book on heritage language acquisition: the acquisition of an ethnolinguistically minority language spoken at home by children who, then, as adults, wish to improve their level of linguistic proficiency in their family language. Their partial knowledge of a language presents challenges to bilingual education policy and practice.

Department of Mathematics

JOZSEF BALOG, Associate Professor

First semester 2013-14, full pay

To conduct collaborative research on sparse discrete structures in order to make progress on packing and embedding problems; and to conduct collaborative research on probabilistic and extremal combinatorics in mathematics.

NATHAN M. DUNFIELD, Associate Professor

Second semester 2013-14, full pay

To conduct research on the topology and geometry of three-dimensional manifolds, with a particular focus on exploring the interactions between topology/geometry and other areas, such as number theory and computer science.

SANKAR P. DUTTA, Professor

Second semester 2013-14, full pay

To concentrate research on two central homological conjectures in Commutative Algebra and Algebraic Geometry: Serre's Conjecture on intersection multiplicity and the Monomial conjecture due to M. Hochster.

IGOR G. NIKOLAEV, Professor

Second semester 2013-14, full pay

To study distance characterizations of metric spaces related to Gromov's curvature problem; and to investigate relations between extrinsic and intrinsic properties of non-regular convex surfaces and hyper surfaces in Euclidean spaces with restrictions on their symmetric curvature measure.

CHARLES W. REZK, Associate Professor

Second semester 2013-14, two-thirds pay

To collaborate in investigating topological properties of spaces by means of invariants arising from the arithmetic geometry of formal groups and abelian varieties.

BRUCE A. REZNICK, Professor

Academic year 2013-14, one-half pay

To conduct research on the representation of polynomials as a sum of powers of other polynomials; and to write a book on the Stern sequence and related topics in combinatorial number theory.

HENRY KOEWING SCHENCK, Professor

First semester 2013-14, full pay

To conduct research and to complete a book on toric varieties and hyper plane arrangements, which involves applied mathematics: coding theory (transmission of data over a noisy channel), surface modeling and approximation theory.

JANG-MEI GLORIA WU, Professor

First semester 2013-14, full pay

To conduct research in Geometric Function Theory, in particular, on geometrically controlled branched covering maps, a subject at the interface of topology and geometric analysis.

School of Molecular and Cellular Biology

Department of Cell and Developmental Biology

MICHEL BELLINI, Associate Professor

First semester 2013-14, full pay

To gain expertise in cell imaging using the latest super resolution microscopy methods; to acquire skills in generating transgenic frogs; and to initiate a student exchange program between the University of Illinois at Urbana-Champaign and Paris VII University.

Department of Microbiology

PETER A. ORLEAN, Professor

First semester 2013-14, two-thirds pay

To learn new techniques for structural analysis of polysaccharides; to conduct collaborative research on polysaccharide biosynthesis; and to develop a curriculum in Glycosciences.

Department of Philosophy

HELGA VARDEN, Associate Professor

Second semester 2013-14, full pay

To complete a manuscript, *A Kantian Theory of Sexuality*, based on Kant's moral philosophy, including how it relates to his social, historical and religious theories.

Department of Political Science

SCOTT ALTHAUS, Professor

First semester 2013-14, full pay

To complete a book entitled, *Time in the Fight: Understanding Popular Support for America's Wars*, on the dynamics of popular war support in the United States, the psychology of war support, and the role of media coverage in shaping war support.

JOSE ANTONIO CHEIBUB, Professor

Second semester 2013-14, full pay

To complete research on the relationship between electoral strategies and legislative behavior of representatives in open-list proportional representation electoral systems; and to author related papers for publication.

JAMES H. KUKLINSKI, Professor

First semester 2013-14, full pay

To elaborate on prior research on partisan flipping, defined as supporting an action when the president represents one's own party and opposing the same action when the president represents the opposing party.

MELISSA A. ORLIE, Associate Professor

First semester 2013-14, full pay

To conduct research and reading in ecological sciences and criticism; and to refine already drafted chapters for a book on politics, economics, and ecology.

TRACY E. SULKIN, Associate Professor

First semester 2013-14, full pay

To write a book on the dynamics of United States congressional careers, which will explore how legislators make choices in allocating their efforts, and investigate how these decisions affect their trajectories in office.

Department of Psychology

GARY S. DELL, Professor

First semester 2013-14, full pay

To write a major article outlining a new framework for the field of psycholinguistics, one that unifies the study of language production, comprehension, and acquisition.

SUSAN M. GARNSEY, Associate Professor

First semester 2013-14, full pay

To learn new, contemporary data analysis techniques for analyzing brain data in the field of cognitive psychology and cognitive neuroscience; and to collaborate with former graduate students in writing papers based on joint work.

JOSHUA M. GULLEY, Associate Professor

First semester 2013-14, full pay

To learn new methods of electrophysiological recording of individual brain cells and multiple-neuron networks for future studies of addiction-related behavior.

EVA MARIE POMERANTZ, Professor

Second semester 2013-14, full pay

To research how children's entry into adolescence differs in the United States and China, examining whether there are benefits as well as costs to children's navigation of adolescence in each country, with the potential to change current theories of development.

BRENT W. ROBERTS, Professor

First semester 2013-14, full pay

To research the genomics of social behavior; to pursue training in genomics at the University of Illinois at Urbana-Champaign; and to conduct research examining the genomics of conscientiousness.

BRIAN H. ROSS, Professor

Academic year 2013-14, 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.

COLLEGE OF MEDIA

Department of Journalism

CHRISTOPHER D. BENSON, Associate Professor

Second semester 2013-14, full pay

To conduct interviews and archival research for a narrative history of the racial transformation of Hyde Park in Chicago; and a book about racial representation in the newspaper, *Chicago Defender*.

BRIAN K. JOHNSON, Professor

Second semester 2013-14, full pay

To study multimedia journalism creation and presentation through Web, mobile, and emerging technologies; and to continue research applying photojournalistic methodology to explore issues and images of gender and creation of abstract and surreal images from everyday situations.

COLLEGE OF MEDICINE AT URBANA-CHAMPAIGN

Basic Sciences

LIN-FENG CHEN, Associate Professor

First semester 2013-14, full pay

To develop a new area of research, leading to a possible breast cancer treatment by identifying and reactivating a tumor suppressor gene.

SCHOOL OF SOCIAL WORK

CHI-FANG WU, Associate Professor

Second semester 2013-14, full pay

To research the effects of unemployment and underemployment on the well-being of both single mother and two parent families during the great recession; and to examine how coping resources and strategies mediate or moderate relations between employment problems and family well-being.

UNIVERSITY LIBRARY

ROBERT STANTON ALLEN, Associate Professor

October 16, 2013 through July 15, 2014, full pay

To research patterns of use of soil data by researchers in various disciplines, with particular emphasis on use in agricultural research and recent changes in data availability; and to research an agricultural communications database.

PAULA MAE CARNS, Associate Professor

November 16, 2013 through August 15, 2014, full pay

To write a book on the production and reception of medieval Gothic ivories with images drawn from contemporary literature in the context of medieval courtly society and culture. To date no book treats this class of medieval objects.

LISA W. HINCHLIFFE, Professor

December 16, 2013 through August 15, 2014, full pay

To complete research and to write a monograph on best practices for single-session instructional events in academic libraries.

JOANN JACOBY, Associate Professor

August 16, 2013 through May 15, 2014, full pay

To investigate current academic and research library building design, focusing on projects that include spaces designed to support collaborate scholarly work in a technology rich environment.

SHUYONG JIANG, Associate Professor

March 16, 2014 through December 15, 2014, full pay

To continue research on the E-Books and digital libraries in China as part of the collaborative book project about China's publishing Soft Power; and to complete an annotated bibliography of the ancient Chinese book collection at University of Illinois at Urbana-Champaign Library.

COLLEGE OF VETERINARY MEDICINE

Department of Comparative Biosciences

DUNCAN CRAIG FERGUSON, Professor

First semester 2013-14, full pay

To collaborate on an educational research project to develop portable educational materials to enhance critical clinical thinking in veterinary students, evaluating the cultural sensitivity of the strategies with the students.

SUSAN L. SCHANTZ, Professor

First semester 2013-14, full pay

To acquire new knowledge that will advance the research program in two new directions, to address the role of exposure to environmental chemicals in obesity-related health problems and in seizure disorders.

CHICAGO

COLLEGE OF ARCHITECTURE, DESIGN, AND THE ARTS

School of Art and Design

JULIA ANNE FISH, Professor

Second semester 2013-14 and first semester 2014-15, one-half pay

To develop and to complete paintings and works on paper that further investigate transitional spatial experience, informed by travel and research to specific public historical and architectural sites; and to develop new representations of the domestic and private site of “house” as a “visual archive”.

MATTHEW S. GAYNOR, Associate Professor

Second semester 2013-14, full pay

To create a portfolio of experimental poster variations that explore the confluence of type, image, and meaning based on selected plays by Shakespeare, Samuel Beckett, and Sarah Ruhl; and to advance the understanding of integrating type and image to create meaningful communication.

DEBORAH RENEE STRATMAN, Associate Professor

Academic year 2013-14, one-half pay

To complete the Creative Capital-funded film “*The Illinois Parables*”; create a solo exhibition on the topic of Sinkholes for Hallwalls Contemporary Art Center; and to work on a new film by invitation from Duke University’s Arts of the Moving Image Program and the Center for Documentary Studies.

Department of Art History

HANNAH B. HIGGINS, Professor

First semester 2013-14, full pay

To conduct research and to begin writing a book about how twentieth century artists used actual food in performances, film/video, social settings, and in the production of art objects as a fine art medium.

MARTHA POLLAK, Professor

Second semester 2013-14, full pay

To complete research and to begin a monograph on the subject of early modern residential architecture in Western Europe and its place in the artistic and cultural imagination between 1550 and c. 1700.

COLLEGE OF BUSINESS ADMINISTRATION

Department of Finance

OLEG P. BONDARENKO, Associate Professor

First semester 2013-14, full pay

To study volatility of financial markets, with particular attention to pricing of volatility derivatives, risk-management, volatility forecasting, and volatility risk-premiums; to further the understanding of the role volatility plays in the global market.

ROBERT S. CHIRINKO, Professor

Academic year 2013-14, one-half pay

To investigate several issues in financial economics, such as payout policies, and business taxation, by examining unique datasets and through collaboration with colleagues at leading German and Italian research institutions.

COLLEGE OF DENTISTRY

Department of Restorative Dentistry

STEPHEN D. CAMPBELL, Professor

Second semester 2013-14, full pay

To explore the association of tooth loss and systemic co-morbidities; to examine the social/economic disparities associated with tooth loss; to understand the impact of tooth replacement strategies/outcomes on a broad range of general health and psychological parameters; and to improve quality of life and oral health care.

COLLEGE OF ENGINEERING

Department of Bioengineering

ANDREAS A. LINNINGER, Professor

First semester 2013-14, full pay; or second semester 2013-14, full pay

To perform studies on cerebral vasculature in collaboration with Singapore University, one of the world's leading institutions in brain image processing; and to write a book on transport processes in the brain.

HUI LU, Associate Professor

First semester 2013-14, full pay

To study human genome sequencing through medical application using personal genomics data to advance our understanding of disease and many biological processes at the systems level, in collaboration with Professor Steven Brenner at the University of California-Berkeley, a leading scientist in bioinformatics.

YANG DAI, Associate Professor

Second semester 2013-14, full pay

To study the next generation sequencing (NSG) technologies; to understand the advanced bioinformatics methods for processing NSG data; to develop computational models that improve prediction of community response to environmental changes; and to develop a graduate course on advances in systems genomics.

Department of Chemical Engineering

RANDALL MEYER, Associate Professor

Academic year 2013-14, one-half pay

To develop expertise in X-ray Absorption Spectroscopy and to extend research collaboration into the synthesis of novel single atom alloy catalysts at Argonne National Laboratory, which houses one of the premier synchrotron radiation sources in the world.

Department of Computer Science

TANYA YONIT BERGER-WOLF, Associate Professor

Academic year 2013-14, two-thirds pay

To further research, in collaboration with the University of Sydney, analyzing and understanding animal social networks mobility using Unmanned Aerial Vehicles to infer computational models of movement on groups of individuals.

VENKATAKRISHNAN VENKATESAN NATARAJAN, Associate Professor

Academic year 2013-14, two-thirds pay

To enhance research and technology on computer security patented by the University of Illinois at Chicago; to develop a commercial venture related to the patents; and to establish industrial research collaborations.

Department of Electrical and Computer Engineering

SIDDHARTHA GHOSH, Associate Professor

Academic year 2013-14, two-thirds pay

To foster inter-university research initiatives between Bengal Engineering and Science University (BESU), Indian Institute of Technology Kanpur, and the University of Illinois at Chicago; and to write jointly funded grant proposals in thermoelectrics and energy harvesting using nanotechnology to lead to new renewable energy technologies.

ZHICHUN ZHU, Associate Professor

Academic year 2013-14, two-thirds pay

To conduct research in the computer architecture area of new computer memory technologies; and to search for new solutions to meet the challenges in designing high-speed and power-efficient computer memory for next-generation computer systems.

COLLEGE OF LIBERAL ARTS AND SCIENCES

Department of Anthropology

LAURA LEE JUNKER, Associate Professor

First semester 2013-14, full pay

To focus on the completion of a book-length manuscript for publication titled "*Tanjay: The Archaeology of a Prehispanic Philippine Chiefdom*," which is based on a multi-year archaeological project examining the evolution of maritime trading and raiding chiefdoms in the Philippines.

JOHN MONAGHAN, Professor

First semester 2013-14, full pay

To prepare a book manuscript translation of the eleventh century Mixtec saga titled "*Lord Eight Deer*," and an extended introduction to Mixtec poetics and literature recorded by Mixtec scribes of southern Mexico in the 1400s.

JOEL W. PALKA, Associate Professor

First semester 2013-14, full pay

To finish editing "*Socio-economic Status and the Classic Maya Collapse at Dos Pilas, Peten, Guatemala*," which was accepted for the Mesoamerican Archaeology monograph series at Vanderbilt University Press and contributes to the understanding of ancient Maya archeology and the collapse of politically complex societies.

Program in Asian American Studies

KEVIN K. KUMASHIRO, Professor

First semester 2013-14, full pay

To study theories and practices of teaching and learning within various sectors of “socially engaged Buddhism” in Asia and the United States, and to examine implications for multicultural education in U.S. schools.

Department of Biological Sciences

SIMON T. ALFORD, Professor

Academic year 2013-14, two-thirds pay

To study the nature of synaptic vesicle fusion, in collaboration with an electron microscopy expert; and to learn techniques in physiological activation of spinal motor pattern generation, in collaboration with a descending motor command systems expert, to advance the understanding of brainstem-spinal cord pathways.

JOHN P. LEONARD, Professor

Second semester 2013-14, full pay

To conduct behavioral studies related to the importance of learning and memory utilizing a technique and device housed at the Northwestern University School of Medicine on transgenic mice that were constructed at the University of Illinois at Chicago.

ROBERTA J. MASON-GAMER, Associate Professor

First semester 2013-14, full pay

To acquire knowledge in next-generation DNA sequencing techniques that can be applied to a variety of on-going and future research projects, with a long-term goal of transferring the cutting-edge technology to the University of Illinois at Chicago.

DAVID E. STONE, Professor

First semester 2013-14, full pay

To write a comprehensive review article on the role of chemogradients on cell growth and to train with Dr. Robert Arkowitz (University of Nice, France) to learn new image techniques in microscopy.

DAVID H. WISE, Professor

Second semester 2013-14, full pay

To learn the basic assumptions and applicability to ecological data analysis of a range of modern univariate and multivariate statistical techniques; and to develop a new graduate course at the University of Illinois at Chicago.

Department of Criminology, Law, and Justice

EDNA EREZ, Professor

Academic year 2013-14, one-half pay

To conduct data analyses on the use of electronic monitoring technologies to protect domestic violence victims; and to evaluate the intended and unintended benefits, liabilities, and consequences in this context, and the policy implications of the findings for criminal justice.

Department of Earth and Environmental Sciences

CAROL A. STEIN, Professor

Academic year 2013-14, two-thirds pay

To collaborate with colleagues at GEOMAR, the center for ocean research in Kiel, Germany, on marine geophysical research and colleagues at Gottingen University on problems in plate tectonics, to further an understanding of continental rifting.

Department of Economics

EVEYLN L. LEHRER, Professor

First semester 2013-14, full pay

To utilize the tools of economic analysis in studying the role of religion in education, work, and the family for various racial/ethnic groups in the United States; and to further understand how religion influences economic and demographic behaviors and outcomes.

JOHN ARVYDAS TAURAS, Associate Professor

First semester 2013-14, full pay

To increase knowledge of Generalized Linear Models and apply the knowledge to research on the impact of state tobacco control spending on youth smoking propensity and intensity.

Department of English

MARK CHIANG, Associate Professor

Second semester 2013-14, full pay

To work on a book that examines how economic processes are represented in Asian American literature and film by exploring the emergence of a separate economic domain from the general field of social relations to understand how racial and cultural difference impacts economic development.

RALPH E. CINTRON, Associate Professor

First semester 2013-14, full pay

To complete a manuscript titled "*Democracy as Fetish*," and to work on a second book project, a co-edited volume titled "*Power, Rhetoric, and Political Culture: The Texture of Political Action*."

LUIS A. URREA, Professor

Second semester 2013-14, full pay

To conduct research and to write a book about World War I and II Red Cross activities in 1944-45; conduct a full schedule of touring, public speaking and book tours for "*Beautiful North*," and assist the Aspen Institute in a national diversity initiative.

Department of French and Francophone Studies

ELLEN M. MCCLURE, Associate Professor

Second semester 2013-14, full pay

To work toward completion of a book manuscript entitled "*Creation, Authorship, and the Will in Seventeenth-Century France*."

Department of Gender and Women's Studies

NORMA CLAIRE MORUZZI, Associate Professor

Academic year 2013-14, two-thirds pay

To complete research and to write a monograph on changes in Iranian women's social and political identity since the 1979 Islamic revolution.

Department of Hispanic and Italian Studies

DIANNA NIEBYLSKI, Professor

Second semester 2013-14, full pay

To complete a book-length study on changing models of Latin American cultural productions in the 21st-century.

MARIA MARGARITA SAONA, Associate Professor

First semester 2013-14, full pay

To complete research on space and memory; and to write the final two chapters and edit the manuscript titled "*Memory Matters in Transitional Peru*."

Department of History

KEVIN M. SCHULTZ, Associate Professor

Academic year 2013-14, one-half pay

To complete research and to write a book on how the friendship between Norman Mailer and William F. Buckley, Jr. illuminates the political divisions that have emerged in the United States since the 1960s.

INA ZWEINIGER-BARGIELOWSKA, Professor

Academic year 2013-14, one-half pay

To continue pursuing and completing current research on British social, cultural, and political history entitled "*The British Monarchy, Youth and Fitness in the Twentieth Century*," including presenting at conferences, writing an article and drafting a synopsis for consideration by an academic press.

Department of Mathematics, Statistics, and Computer Science

RAFAIL ABRAMOV, Associate Professor

First semester 2013-14, full pay

To conduct in-depth study on the climate change problem from a geophysical perspective through collaborations with geoscientists at the Department of Geophysical Sciences at the University of Chicago and other centers and institutes at universities throughout the United States.

MARC EDWARD CULLER, Professor

First semester 2013-14, full pay

To continue research on the development of software to solve problems in low-dimension topology; and to participate as an organizer in the Fall 2013 program on “*Low-dimensional topology, geometry and dynamics*” at the Institute for Computational and Experimental Research in Mathematics at Brown University.

Department of Physics

OLGA EVDOKIMOV, Associate Professor

First semester 2013-14, full pay

To coordinate the University of Illinois at Chicago High Energy Nuclear Physics group efforts in assembly and commissioning of the new silicon detector upgrade called “*Intermediate Silicon Tracker*” for the STAR experiment at the Brookhaven National Laboratory’s Relativistic Heavy Ion Collider.

ROBERT FRIEDRICH KLIE, Associate Professor

First semester 2013-14, full pay

To prepare a new graduate level course in Analytical Transmission Electron Microscopy, which has become the essential tool in many materials science, chemistry, and engineering disciplines; and to attend invited speaking engagements and seminars at U.S. National Laboratories and Universities.

SERDAR OGUT, Professor

First semester 2013-14, full pay

To develop new methods for computing material properties, in collaboration with Professor James R. Chelikowsky; to work in partnership with theorists/experimentalists on catalysis and photovoltaic applications; and to prepare a new graduate level computational physics course on advanced electronic structure methods and group theory.

MIKHAIL A. STEPHANOV, Professor

Academic year 2013-14, two-thirds pay

To conduct research on physics of matter under extreme conditions at the new Chicago Center for Theoretical Physics at the University of Chicago, with potential breakthrough in the understanding of a wide range of physical systems.

Department of Political Science

DENNIS R. JUDD, Professor

First semester 2013-14, full pay

To continue an on-going research project and to produce publications on the environmental consequences of rapid urban growth in the Great Basin Desert of the American West, with focus on Boise, Idaho; Salt Lake City, Utah; and Reno and Las Vegas, Nevada.

Department of Psychology

JON D. KASSEL, Professor

Second semester 2013-14, full pay

To complete several journal articles from research funded by the National Institute of Health in two areas: cigarette smoking's effects on emotion in adolescent and young adult smokers, and an ethnographic study of poker players.

STELLAN OHLSSON, Professor

First semester 2013-14, full pay

To update theory of learning "*Deep Thinking*" to accommodate recent research findings; to develop its implications for the design of educational software; and to disseminate those implications to software developers via a book-length manual, a web site, and conference workshops.

LINDA J. SKITKA, Professor

Academic year 2013-14, two-thirds pay

To complete research and to write an *Advances in Political Psychology* chapter on the topic of attitude moralization and politics to inform how best to politically mobilize people for positive social change.

Department of Slavic and Baltic Languages and Literatures

JULIA VAINGURT, Associate Professor

Academic year 2013-14, one-half pay

To complete research and to write two chapters and the introduction of a book manuscript entitled "*Revolutionary Love: Public Life and Private Emotion in the Russian Avant-Garde and Beyond.*"

COLLEGE OF PHARMACY

Department of Medicinal Chemistry and Pharmacognosy

SCOTT GARY FRANZBLAU, Professor

Academic year 2013-14, two-thirds pay; or first semester 2013-14, full pay

To engage in the evaluation, planning, and management of multiple tuberculosis drug discovery stage projects at the Global Alliance for TB Drug Development; and to promote future collaborative efforts with the Institute for Tuberculosis Research at the University of Illinois at Chicago.

SCHOOL OF PUBLIC HEALTH

Division of Community Health Sciences

MICHELE A. KELLEY, Associate Professor

First semester 2013-14, full pay

To advance knowledge and policy on the protective health effects of youth civic engagement and role of positive youth development and activism in public health research and practice; and to synthesize research findings and develop documents for dissemination and/or publication.

Division of Epidemiology and Biostatistics

MARK STEVEN DWORKIN, Professor

Second semester 2013-14, full pay

To study the distribution and determinants of HIV-infected patients with recently diagnosed syphilis of a cohort in the France Aquitaine Region, in collaboration with investigators at the University of Bordeaux, to inform STD prevention efforts in Cook County.

Division of Environmental and Occupational Health Sciences

LINDA S. FORST, Professor

Second semester 2013-14, full pay

To work on implementation of international guidelines and recommendations related to developing a system to record work-related illnesses and injuries in developing countries in collaboration with the International Labor Organization and partner countries; and to contribute to the improvement of occupational health and safety at an international level.

COLLEGE OF URBAN PLANNING AND PUBLIC AFFAIRS

Department of Urban Planning and Policy

KHEIR M. AL-KODMANY, Associate Professor

First semester 2013-14, full pay

To complete a book tentatively titled “*GIS for Planners*,” which will report on practical case studies and state-of-the-art applications of GIS in the field of urban planning, linking the GIS technology to the field of planning.

PHILIP S. ASHTON, Associate Professor

Academic year 2013-14, two-thirds pay

To conduct research and to prepare a book manuscript on “financial citizenship,” focusing on the precarious position of minority borrowers and the role of administrative law in shaping market spaces where they are exposed to harm.

SPRINGFIELD

COLLEGE OF BUSINESS AND MANAGEMENT

Department of Management Information Systems

TE-WEI WANG, Associate Professor

First semester 2013-2014, full pay

To conduct a validation study of a meta-data model on Business Intelligence data quality management and to produce a journal publication.

COLLEGE OF LIBERAL ARTS AND SCIENCES

Department of Biology

HUA CHEN, Associate Professor

Second semester 2013-2014, full pay

To collaborate with researchers from Oregon State University and the Institute of Applied Ecology, Chinese Academy of Science, on forest carbon sequestration and to complete three manuscripts for publication.

Department of Computer Science

CHUNG-WEI LEE, Associate Professor

First semester 2013-2014, full pay

To conduct research for a manuscript that examines efficient strategies for wireless mobile devices to utilize Internet-based cloud computing services and to develop approaches to integrate mobile computing resources into the cloud computing infrastructures.

Department of English

DONNA ALFANO BUSSELL, Associate Professor

First semester 2013-2014, full pay

To initiate research on the Magdalene liturgy of medieval monastic communities in England that will contribute to the development of a monograph and instructional information for teaching and presentations.

Department of History

DAVID BERTAINA, Assistant Professor

Second semester 2013-2014, full pay (contingent upon award of tenure)

To study and to translate the Arabic writings of a medieval Muslim convert (Bulus Ibn Raja) and to prepare a publication that focuses on the phenomenon of religious conversion and the concept of freedom of religion.

PETER D. SHAPINSKY, Associate Professor

First semester 2013-2014, full pay

To conduct research on dimensions of Japanese maritime history that contributed to trans-national communities and cross-cultural developments and that will contribute to the completion of manuscripts in progress.

Department of Philosophy

ROXANNE KURTZ SMITH, Assistant Professor

Fall semester 2013-2014, two-thirds pay (contingent upon award of tenure)

To research, to write, and to publish a series of scholarly works on metaphysical issues involving the existence conditions of and the constitution relation between spatially coinciding objects.

Department of Psychology

KAREN SUE PRESSLEY, Associate Professor

First semester 2013-2014, full pay

To expand expertise in the use of electroencephalography through conducting research on the neurological processing of emotion-related stimuli.

COLLEGE OF PUBLIC AFFAIRS AND ADMINISTRATION

Department of Legal Studies

DEBORAH ANTHONY, Associate Professor

Second semester 2013-2014, full pay

To examine the legal development of women's surnames throughout English and U.S. history, with particular attention to the influence of marriage laws and interplay between tradition and law and disseminate findings through conference presentations and journal publication.

Department of Environmental Studies

TIH-FEN TING, Associate Professor

Academic year 2013-2014, two-thirds pay

To complete research on the conservation and recovery of state-threatened Franklin's ground squirrel and state-endangered osprey population, and to initiate exploratory projects on floodplain forest dynamics and on China's environmental and population, in support of the development of grant proposals and scholarly publications.

Department of Political Science

RICHARD GILMAN-OPALSKY, Associate Professor

Second semester 2013-2014, full pay

To analyze the dialogues of Plato through a detournement philosophical method that will assist in the development of materials for scholarly publication.

ALI M. NIZAMUDDIN, Associate Professor

First semester 2013-2014, full pay

To complete research and to write a book manuscript focusing on the impact of genetically modified seeds on traditional societies in the developing world and the corporate monopolization of the world's food supply.