

Board Meeting
March 10, 2010

REVISED, page 21 and page 23

SABBATICAL LEAVES OF ABSENCE, 2010-11

Action: Approve Sabbatical Leave Requests

Funding: No Funding Required

The Chancellors at Urbana, Chicago, and Springfield 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-CHAMPAIGNCOLLEGE OF AGRICULTURAL,
CONSUMER AND ENVIRONMENTAL SCIENCESDepartment of Animal Sciences

H. REX GASKINS, Professor

First semester 2010-11, full pay

To collaborate in research on the impact of hydrogenotrophic microbial communities on the intestinal health of animals and humans.

Department of Crop Sciences

DONALD P. BRISKIN, Professor of Plant Physiology

First semester 2010-11, full pay

To develop a textbook entitled: *Organic Chemistry for Students in Agriculture and Life Sciences*.

GUSTAVO CAETANO-ANOLLES, Professor

First semester 2010-11, full pay

To complete research in molecular evolution and origins of modern biochemistry; to learn about new phylogenetic approaches; and to write a review article on the subject.

Department of Human and Community Development

ROBIN L. JARRETT, Professor

First semester 2010-11, full pay

To conduct pilot ethnographic research that explores how community gardens promote the revitalization of African-American inner-city neighborhoods and thus enhance family life.

Department of Natural Resources and Environmental Sciences

RICHARD J. BRAZEE, Associate Professor

Academic year 2010-11, two-thirds pay

To develop and to apply a system to evaluate the long-term sustainability of U.S. and northern European forests under recently developed forest harvest rules.

COLLEGE OF APPLIED HEALTH SCIENCES

Department of Speech and Hearing Science

CYNTHIA J. JOHNSON, Associate Professor

Academic year 2010-11, two-thirds pay

To complete and to submit for publication two studies of speech, language, and literacy in children with language or reading disabilities; and to submit a grant proposal to expand this research.

COLLEGE OF BUSINESS

Department of Business Administration

RAJSHREE AGARWAL-TRONETTI, Professor

First semester 2010-11, full pay

To continue research in the area of “Innovation and Entrepreneurship: Implications for Firm and Industry Evolution” by conducting a series of inter-related projects that examine knowledge diffusion within and across multiple units of analysis, to be published in leading journals.

HUSEYIN LEBLEBICI, Professor

Second semester 2010-11, full pay

To complete several working papers on professional careers and the growth of professional service firms, more specifically the careers of attorneys in 250 large corporate law firms and the careers of business incubator managers.

COLLEGE OF EDUCATION

Department of Curriculum and Instruction

SARAH THEULE LUBIENSKI, Associate Professor

First semester 2010-11, full pay

To study and to compare international mathematics education reform initiatives with similar U.S. initiatives from the perspective of socio-economic status.

SHARON Y. TETTEGAH, Associate Professor

First semester 2010-11, full pay

To extend research on social emotional learning and teacher empathy from a cross-cultural perspective.

Department of Educational Organization and Leadership

RICHARD C. HUNTER, Professor

Academic year 2010-11, two-thirds pay

To conduct a comparative study of educational administrative programs from an international perspective and to prepare publications on the findings.

CHRISTOPHER LUBIENSKI, Associate Professor

Academic year 2010-11, one-half pay

To collaborate on a study of charter schools in nations where comprehensive choice systems have been implemented; and to prepare for publication on the findings.

Department of Educational Policy Studies

ANTONIA DARDER, Professor

Academic year 2010-11, one-half pay

To complete four book manuscripts under contract; and to conduct analysis of data collected over the last two years for the “Diversity and Technology for Engaging Community” research project.

CHRISTOPHER SPAN, Associate Professor

First semester 2010-11, full pay

To conduct archival research; and to draft chapters of a forthcoming book on African American education in 19th Century America.

Department of Educational Psychology

JAMES ROUNDS, Professor

Second semester 2010-11, full pay

To develop a theory to explain how children and adolescents develop vocational interest traits; and to study current methods of interest assignment.

JENNY L. SINGLETON, Associate Professor

Academic year 2010-11, two-thirds pay

To expand knowledge base on infant visual attention; and to conduct experimental studies of visual engagement in deaf infants.

Department of Human Resource Education

K. PETER KUCHINKE, Associate Professor

First semester 2010-11, full pay

To research and to write on Education for Ethical Decision-making in Workforce Development Settings; and to conclude research and to write for a book on *Education, Work, and Identity in International Perspectives*.

Department of Special Education

STACY K. DYMOND, Associate Professor

First semester 2010-11, full pay

To complete a series of studies on service learning; to publish the findings; and to conceptualize a research grant proposal that builds on the findings.

COLLEGE OF ENGINEERING

Department of Aerospace Engineering

LAWRENCE A. BERGMAN, Professor

Second semester 2010-11, full pay

To initiate research collaborations in the area of dynamical systems with emphasis on fluid-structure interaction, contact problems, and shock and vibration mitigation in aerospace systems.

PHILIPPE H. GEUBELLE, Professor

Second semester 2010-11, full pay

To expand knowledge in the modeling of complex materials, especially at the atomistic level.

Department of Civil and Environmental Engineering

LIANG Y. LIU, Associate Professor

First semester 2010-11, full pay

To complete a study of construction industry economic recovery; to develop a new teaching module for a graduate course; and to develop new research thrusts.

TIMOTHY J. STRATHMANN, Associate Professor

Academic year 2010-11, one-half pay; or second semester 2010-11, full pay

To develop new international multidisciplinary collaborations; and to initiate research activities aimed at linking chemical and biological endpoints for pollutant transformations during advanced water treatment processes.

Department of Computer Science

EYAL AMIR, Associate Professor

Academic year 2010-11, one-half pay

To write a book on Reasoning in Artificial Intelligence.

CARL GUNTER, Professor

Academic year 2010-11, one-half pay

To develop and to validate Experienced Based Access Management (EBAM), a technique for analyzing and tuning the access rights of individuals in enterprises.

KLARA NAHRSTEDT, Professor

First semester 2010-11, full pay

To study and to compare mobility patterns at universities to develop efficient and trustworthy algorithms, protocols, and applications for mobile peer-to-peer learning communities.

JOSEP TORRELLAS, Professor

First semester 2010-11, full pay

To collaborate with Intel in the area of multi core computer architectures; and to extend current collaboration with Intel-Microsoft Universal Parallel Computing Research Center (UPCRC).

Department of Electrical and Computer Engineering

RICHARD E. BLAHUT, Professor

First semester 2010-11, full pay

To advance the campus expertise and reputation in telecommunications and network systems by expanding our capabilities in coherent optics and mathematical cryptography.

KENT D. CHOQUETTE, Professor

Second semester 2010-11, full pay

To interact with colleagues on new ideas in quantum optics and nano-photonics, especially their device implementation for novel communication applications and information security.

BRIAN T. CUNNINGHAM, Associate Professor

First semester 2010-11, full pay

To explore photonic crystal enhanced fluorescence for applications in next generation DNA sequencing.

MILTON FENG, Professor

First semester 2010-11, full pay

To establish a new and novel research direction on advance compound semiconductor nano CMOS; and to extend new capability after the end of silicon roadmap, 22-nm Si-CMOS through collaboration with world research leaders.

ZHI-PEI LIANG, Professor

Academic year 2010-11, two-thirds pay

To develop high-resolution magnetic resonance imaging for cardiac and neuroimaging by collaborating with researchers at other institutions and in industry.

SANJAY JERAM PATEL, Associate Professor

Academic year 2010-11, two-thirds pay

To explore new research directions in visual computing with colleagues.

RAYADURGAM SRIKANT, Professor

Academic year 2010-11, two-thirds pay

To study and to research the area of peer-to-peer streaming video networks and social networks.

PRAMOD VISWANATH, Associate Professor

Academic year 2010-11, two-thirds pay

To research wireless communication to understand key future research problems.

Department of Industrial and Enterprise Systems Engineering

DEBORAH L. THURSTON, Professor

First semester 2010-11, full pay

To collaborate with academic and industry partners on energy and environmentally related systems decision analysis.

Department of Materials Science and Engineering

JOHN R. ABELSON, Professor

First semester 2010-11, full pay

To develop and to publish a theory which predicts the conditions for conformal growth of functional materials inside of three-dimensional nanostructures for microelectronic and energy applications.

WALTRAUD M. KRIVEN, Professor

Second semester 2010-11, full pay

To acquire state-of-the-art expertise in sol-gel processing of aluminosilicate inorganic polymers (geopolymers) so as to combine two fields to develop porous aerogels under ambient conditions.

JOHN A. ROGERS, Professor

Second semester 2010-11, full pay

To advance research in soft substrate material development and to integrate strategies by gaining hands-on experience in the laboratories and clinical offices of collaborators in the fields of cardiology and neurology.

Department of Mechanical Science and Engineering

CHIA-FON LEE, Professor

Second semester 2010-11 and first semester 2011-12, two-thirds pay

To study the effects of blending algae bio-diesel fuels with diesel fuel on spray atomization, mixing and low-temperature combustion and emissions of engines.

BRIAN G. THOMAS, Professor

Second semester 2010-11, full pay

To augment modeling experience with laboratory work and to obtain experimental data for use in validating computational models related to fluid flow, spray cooling, and hot tearing, for continuous casting of steel.

SURYA PRATAP VANKA, Professor

Academic year 2010-11, one-half pay

To undertake a number of research projects, teaching, and service related activities in order to reach beyond computation fluid dynamics to areas of research that are more mathematically oriented.

Department of Physics

PAUL G. KWIAT, Professor

First semester 2010-11 and first semester 2011-12, two-thirds pay

To coordinate international multi-university research on photonic quantum information processing; and to support ongoing collaborations to study optical hyper-entanglement.

JEN-CHIEH PENG, Professor

Academic year 2010-11, two-thirds pay; or first semester 2010-11, full pay

To perform experiments to determine the properties of neutrinos; and to search for dark matter.

MATS A. SELEN, Professor
Second semester 2010-11, full pay
To conduct astrophysics research.

COLLEGE OF FINE AND APPLIED ARTS

School of Architecture

PAUL J. ARMSTRONG, Associate Professor
First semester 2010-11, full pay
To research tall buildings as vertical cities, culminating in an exhibit, a book, and conference papers.

MICHAEL T. MCCULLEY, Associate Professor
First semester 2010-11, full pay
To identify best practices in economically feasible low energy sustainable construction; to publish on this topic; and to develop educational material.

School of Art and Design

WILLIAM C. BULLOCK, Professor
Academic year 2010-11, two-thirds pay; or second semester 2010-11, full pay
To lead a multi-disciplinary team of experts from U.S. industry and other academic institutions in preparing a U.S. EPA grant proposal related to electronic waste; and to continue research in this area.

ANNE BURKUS-CHASSON, Associate Professor
First semester 2010-11, full pay
To complete essays on traditional Chinese narrative art; to continue work on Chinese and wood cut; to prepare for a course on Chinese film and modern/contemporary art; to continue preparation for a book on visual cognition; and to plan an anthology of Chinese art theories.

GERALD W. GUTHRIE, Associate Professor
First semester 2010-11, full pay
To progress to the next level of technical and conceptual sophistication in the production of fine art three- dimensional computer animation.

ERNEST D. SCOTT, Associate Professor

Second semester 2010-11, full pay

To finalize photographic creative work in the field; and to complete an exhibition with a corresponding collaborative publication examining the avifauna of Wyoming.

Department of Dance

JOHN M. TOENJES, Associate Professor

First semester 2010-11, full pay

To deepen knowledge of computer music software; and to develop solo musical performance skills in computer interactive performance technology.

RENEÉ WADLEIGH, Professor

Second semester 2010-11, full pay

To complete the editing and to reformulate an extensive collection of dance works on video; to expand this collection; and to study current works.

Department of Landscape Architecture

LAURA LAWSON, Associate Professor

First semester 2010-11, full pay

To conduct field work and archival research on community gardens and associated policies and programs in conjunction with a current book project.

School of Music

OLLIE WATTS DAVIS, Professor

Second semester 2010-11, full pay

To edit, to arrange, to rehearse, and to record selected repertoire from the biennial Black Sacred Music Symposiums held since 1991 with the University of Illinois Black Chorus.

JONATHAN KEEBLE, Associate Professor

First semester 2010-11, full pay

To develop and to perform a repertoire to be recorded and released on CD; and to develop a website that includes pedagogical and performing materials.

Department of Theatre

ROBIN MCFARQUHAR, Professor

First semester 2010-11, full pay

To investigate and to study the use of the “Alexander Technique” in the training of students wishing to pursue a career as professional actors.

GRADUATE SCHOOL OF LIBRARY AND INFORMATION SCIENCE

MICHAEL BERNARD TWIDALE, Associate Professor

Academic year 2010-11, one-half pay

To collaborate with major researchers in developing, defining, and writing about a new area of study: software informatics.

SCHOOL OF LABOR AND EMPLOYMENT RELATIONS

APARNA JOSHI, Associate Professor

First semester 2010-11, full pay

To extend research on diversity in the workplace in the knowledge-based industry, focusing on specifying conditions under which either positive or negative outcomes are likely at individual, group, or organizational levels, and to complete multiple studies that will approach this topic from multiple angles.

COLLEGE OF LAW

ERIC T. FREYFOGLE, Professor

First semester 2010-11, full pay

To conduct research and to complete work on a new casebook on property law for publication by the leading law publisher; and to research the conservation writings of John Burroughs.

THOMAS S. ULEN, Professor

First semester 2010-11, one-half pay

To finish several scholarly articles and final drafts of two books: one on behavioral law and economics, and another on the relationship between law and economic development.

COLLEGE OF LIBERAL ARTS AND SCIENCES

Department of African American Studies

JENNIFER F. HAMER, Associate Professor

Second semester 2010-11, full pay

To develop a monograph entitled *Kin Care, Work, and Self-Care: How African American Women Balance Their Own Health with Familial and Employment Obligations*.

Department of Anthropology

ALEJANDRO LUGO, Associate Professor

Academic year 2010-11, one-half pay; or first semester 2010-11, full pay

To complete research and to write a book on the formation and development of Mexican communities in southern New Mexico after the 1846-1848 Mexican-American War.

JOHN DAVID POLK, Associate Professor

Second semester 2010-11, full pay

To gain knowledge and experience in the analysis of children's gait; to increase knowledge of multivariate statistics; and to update course materials for ANTH 440 Human Paleontology.

MAHIR SAUL, Associate Professor

Academic year 2010-11, one-half pay; or first semester 2010-11, full pay

To research immigrants from West and Central African origin in Istanbul, which may offer potential contribution to a major public policy issue which will enlighten theories focusing on global demographic flows.

Department of Astronomy

EDMUND C. SUTTON, Associate Professor

First semester 2010-11, full pay; or academic year 2010-11, two-thirds pay

To complete a graduate-level book on Observational Astronomy; and to continue work on statistical aspects of image reconstruction in Radio Interferometry.

School of Chemical SciencesDepartment of Biochemistry

DAVID M. KRANZ, Professor

Second semester 2010-11, full pay

To develop expertise in pre-clinical animal models and in the manufacturing of therapeutic compounds for clinical uses.

Department of Chemical and Biomolecular Engineering

JONATHAN J.L. HIGDON, Professor

Academic year 2010-11, two-thirds pay; or second semester 2010-11, full pay

To initiate a new research area in geophysical fluid dynamics and petroleum reservoir modeling; and to establish a new collaborative research program with Exxon-Mobil Corporation.

Department of Chemistry

CHAD RIENSTRA, Associate Professor

First semester 2010-11, full pay

To complete the installation and optimization of a high-performance NMR instrument used to determine structures of proteins.

KENNETH S. SUSLICK, Professor

Second semester 2010-11, full pay

To extend international research relationships; and to begin a textbook for the non-science major: *Chemistry and Everyday Phenomena*.

School of Earth, Society, and EnvironmentDepartment of Geography

DAVID WILSON, Professor

Second semester 2010-11, full pay

To research and to write a book which will integrate the latest work on urban social theory with empirical transformations, seeking to unearth the complexities of current urban changes with a focus on Chicago.

Department of Geology

CRAIG M. BETHKE, Professor

Second semester 2010-11, two-thirds pay

To write a book on how contaminant chemicals in groundwater migrate through the subsurface.

Department of Economics

ANIL K. BERA, Professor

First semester 2010-11, full pay

To carry out research on (nonlinear) spatial dependence which is concerned with modeling interactions among economic agents and neighboring locations; and to write a research monograph on this topic.

ROGER W. KOENKER, Professor

Second semester 2010-11, full pay

To research econometric/statistical methods, exploring potential heterogeneity of response instead of emphasizing how average behavior responds to external stimuli.

ANNE VILLAMIL, Professor

Second semester 2010-11, full pay

To research financial economics and entrepreneurship, including the welfare effects of intermediation costs and bankruptcy, especially the effects on the financial system.

STEVEN R. WILLIAMS, Professor

Second semester 2010-11, full pay

To advance research on the comparative properties of market mechanisms; the empirical implications of the theory of competitive equilibrium; and the computational complexity of economic mechanisms.

NICHOLAS YANNELIS, Professor

Second semester 2010-11, full pay

To research contracts with asymmetric information and issues related to ambiguity of preferences.

Department of English

DALE BAUER, Professor

First semester 2010-11, full pay

To write two chapters of a book entitled *Why Read Southworth?*, a book on the most popular U.S. woman writer of the 19th Century.

GORDON HUTNER, Professor

First semester 2010-11, full pay

To prepare drafts of two chapters of a book, *The Ways We Live Now*, and to prepare an article for publication.

SUSAN KOSHY, Associate Professor

First semester 2010-11, full pay

To complete research and to write a book on the literary history of Asian American fiction; and to read narrative and affect theory.

WILLIAM E. UNDERWOOD, Associate Professor

Second semester 2010-11, full pay

To complete a book on the role of historical contrast in literacy cultivation; to finish two articles related to that book; and to develop a grant proposal for a new digital humanities project.

Department of History

TAMARA EILEEN CHAPLIN, Associate Professor

Second semester 2010-11, full pay

To complete research and to write a monograph exploring the troubled relationship between sex, politics, and the mass media in postwar France.

DIANE P. KOENKER, Professor

Second semester 2010-11, full pay

To complete a book on the history of tourism and vacations in the Soviet Union from the 1920s to the 1970s.

School of Integrative Biology

Department of Entomology

HUGH M. ROBERTSON, Professor

First semester 2010-11, two-thirds pay

To work on a tsetse fly genome project; and to complete a honey bee genome project.

School of Literatures, Cultures and LinguisticsDepartment of the Classics

ARIANA TRAILL, Associate Professor

Academic year 2010-11, one-half pay; or first semester 2010-11, full pay

To complete research and to write a commentary on a Latin play, Plautus's *Cistellaria*, for publication using the University library's Classics collection

Program in Comparative and World Literature

WAIL SEDDIQ HASSAN, Associate Professor

First semester 2010-11, full pay

To acquire proficiency in Portuguese and Spanish; and to begin research on literature by Arab writers in Latin America and Arab-Latin American literary relations.

Department of East Asian Languages and Cultures

KAI-WING CHOW, Professor

Academic year 2010-11, two-thirds pay

To research the role of religion in the formation of public culture in Qing China (1644-1911).

RONALD P. TOBY, Professor

Second semester 2010-11, full pay

To complete a comprehensive guide to humanities/social science research resources on Japan, the first since the explosion of online search engines, archives, and databases.

Department of Germanic Languages and Literatures

MARA R. WADE, Professor

Second semester 2010-11, full pay

To join in a joint digitization project, *Emblematica Online*, with Herzog August Bibliothek; and to write: *Splendid Ceremonies*, a book on court festivals 1548-1709.

Department of Religion

ROBERT J. MCKIM, Professor

First semester 2010-11, full pay

To complete revisions of a book manuscript provisionally entitled *On Religious Diversity*; and to complete editorial work on a related edited collection of commissioned essays.

Department of Spanish, Italian, and Portuguese

JOSE IGNACIO HUALDE, Professor of Spanish

Second semester 2010-11, full pay

To investigate rhythmic differences among the languages spoken in Spain and Portugal and to elucidate the historical evolution.

Department of Mathematics

BRUCE C. BERNDT, Professor

Second semester 2010-11, full pay

To provide proofs for claims made by India's greatest mathematician, Srinivasa Ramanujan, in his lost notebook.

MEHMET BURAK ERDOGAN, Associate Professor

Second semester 2010-11, full pay

To write a monograph on continuum combinatorial problems in geometric measure theory and to perform research on nonlinear partial differential equations.

DIRK HUNDERTMARK, Associate Professor

Academic year 2010-11, one-half pay

To conduct research in non-linear PDE which is of importance in quantum mechanics and modern high speed optical data cables.

RICHARD S. LAUGESEN, Associate Professor

Second semester 2010-11, full pay

To investigate new function systems in applied harmonic analysis, utilizing dilations, and modulations in the frequency domain.

THOMAS A. NEVINS, Associate Professor

Second semester 2010-11, full pay

To continue research in algebraic geometry and mathematical physics.

JULIAN I. PALMORE, Professor

Academic year 2010-11, two-thirds pay

To continue research in discrete dynamical systems on lattices; and to write a monograph based on research in discrete dynamical systems on lattices and past work.

SLAWOMIR SOLECKI, Professor

First semester 2010-11, full pay

To research several mathematical problems on the intersection of descriptive set theory, model theory, dynamics, and combinatorics.

Department of Psychology

NICOLE E. ALLEN, Associate Professor

Second semester 2010-11, full pay

To advance a program of research by analyzing, writing, and collecting data in order to build parsimonious models of the role of collaborative settings, such as councils, in systems change.

ARTHUR F. KRAMER, Professor

First semester 2010-11, full pay

To update knowledge of state-of-the art human neuroimaging techniques, and to begin work on a program project which examines the influence of different lifestyle factors on successful cognitive aging.

DANIEL J. SIMONS, Professor

First semester 2010-11, one-half pay

To study scientific literature on explanations and decision making in order to apply that literature to studies of visual perception.

EDELYN VERONA, Associate Professor

First semester 2010-11, full pay

To learn and to apply neuroimaging approaches to examine brain processes involved in emotional and behavioral syndromes marked by impulsivity, aggression, and disregard for others.

COLLEGE OF MEDIA

Department of Journalism

MIRJANA SOTIROVIC, Associate Professor

First semester 2010-11, full pay

To refresh research and to expand evidence for gender gaps in the effects of media on public opinion.

Department of Media and Cinema Studies

ANN E. REISNER, Associate Professor

Second semester 2010-11, full pay

To develop a monograph on using journalism routines as a basis for increasing the ability of social movement organizations to introduce social causes into local newspapers.

COLLEGE OF MEDICINE

Department of Basic Sciences

JONATHAN JOSEPH HENRY, Professor of Cellular and Structural Biology

First semester 2010-11, full pay

To research key questions regarding the evolution of developmental processes that lead to the generation of diverse metazoan larval and adult body plans.

JAMES H. MORRISSEY, Professor

First semester 2010-11, full pay

To focus on biomedical research, in particular to work on developing new lines of research relating to the regulation of the blood clotting system.

Department of Pharmacology

CHARLES LEROY COX, Associate Professor

Second semester 2010-11, full pay

To master experimental techniques and approaches on how sensory information is processed in the brain; and to further expand the research program from the visual system to include the auditory system.

SCHOOL OF SOCIAL WORK

SUSAN ANN COLE, Associate Professor

Academic year 2010-11, two-thirds pay

To complete research evaluation of crisis nurseries; and to develop international/research teaching relationships.

UNIVERSITY LIBRARY

PAUL DAVID HEALEY, Associate Professor

September 1, 2010 through May 30, 2011, full pay

To complete two books on legal and ethical issues in librarianship; and to write articles based on data related to law reference librarianship.

QIANG JIN, Associate Professor

August 16, 2010 through May 15, 2011, full pay

To write a book on the Functional Requirements for Authority Data for catalogers, library school faculty, and students.

LAURENCE H. MILLER, Professor

August 16, 2010 through May 15, 2011, full pay

To research the I. Perlstein Collection of Czechoslovak Book Design in the University's Rare Book and Manuscript Library as well as documents in the University Archives.

CHERIE' L. WEIBLE, Associate Professor

August 16, 2010 through May 15, 2011, full pay

To complete research and to prepare a manuscript which focuses on the historical role played by individual soldiers and their families during the Civil War.

LYNN NORINE WILEY, Associate Professor

January 3, 2011 through October 2, 2011, full pay

To complete an analysis of Illinois statewide monograph purchases begun in 2008; and to edit a book on the evolving nature of library acquisitions work.

COLLEGE OF VETERINARY MEDICINE

Department of Pathobiology

RONALD M. WEIGEL, Professor

August 16, 2010 through May 15, 2011, full pay

To develop computer simulation models for the investigation of the diagnosis and transmission of infectious disease pathogens in animal populations.

CHICAGO

COLLEGE OF ARCHITECTURE AND THE ARTS

School of Art and Design

STEPHANIE MUNSON THARP, Associate Professor

~~First semester 2010-11, full pay~~

Second semester 2010-11 and First semester 2011-12, two-thirds pay

To write a book that reframes the Product Design discipline, establishing Design as an intellectual practice in addition to its foundations as a practical one.

COLLEGE OF BUSINESS ADMINISTRATION

Department of Accounting

RAM T.S. RAMAKRISHNAN, Professor

First semester 2010-11, full pay

To set up and to analyze data bases of two specialized and critical areas in accounting research: corporate bond prices and financial non-accounting data.

Department of Finance

JOHN J. BINDER, Associate Professor

First semester 2010-11, full pay

To examine the bias in tests of asset pricing models due to security mispricing and whether mispricing explains January anomalies in stock returns.

HEFEI WANG, Assistant Professor

First semester 2010-11, two-thirds pay

To complete a joint research paper using the methodology developed in Professor Dai's research at the National University of Singapore; solving singular control problems important for many corporate decisions.

Department of Managerial Studies

DAROLD BARNUM, Professor

Second semester 2010-11, full pay

To develop better indicators of healthcare efficiency and to apply them to healthcare organizations.

ROBERT C. LIDEN, Professor
Second semester 2010-11, full pay
To research leadership in public and private sector organizations in France and Africa.

ABAGAIL MCWILLIAMS, Professor
First semester 2010-11, full pay
To extend research on corporate social responsibility in neighborhoods and communities relevant stakeholders; and to develop a master's level course on strategic corporate social responsibility.

SANDRA JEAN WAYNE, Professor
Second semester 2010-11, full pay
To develop skills on multi-level analyses, particularly hierarchical linear modeling; and to apply these skills in inter-related studies on employee-organization relationships.

COLLEGE OF DENTISTRY

Department of Restorative Dentistry

KENT L. KNOERNSCHILD, Associate Professor
First semester 2010-11, full pay
To further evolve a framework for evidence-based decision-making (EBDM) strategies that lead to best treatment decisions in dental practice.

COLLEGE OF EDUCATION

Department of Educational Policy Studies

DAVID S. MAYROWETZ, Associate Professor
Second semester 2010-11, full pay
To review literature on the implementation of the Response to Intervention (RtI) policy; and to design a mixed method research project of leadership for RtI implementation in the Chicago Public Schools.

DAVID O. STOVALL, Associate Professor
First semester 2010-11, full pay
To collect interviews and to conduct focus groups for the purpose of writing a book manuscript for publication, tentatively titled, *14 Souls, 19 days and 1600 Dreams*.

COLLEGE OF ENGINEERING

Department of Civil and Materials Engineering

E. J. ERNESTO INDACOCHEA, Professor

Second semester 2010-11, full pay

To develop international and interdisciplinary links to form an international engineering research institute to promote research with scholar and student exchanges.

Department of Computer Science

JING-PHA JEFF TSAI, Professor

Academic year 2010-11, one-half pay

To investigate the research and education issues of cyber-physical systems.

Department of Electrical and Computer Engineering

HUNG-YU YANG, Professor

Academic year 2010-11, two-thirds pay

To focus research on new antennas and radio frequency front-end passive components in wireless communication systems.

Department of Mechanical and Industrial Engineering

~~WILLIAM MARTIN WOREK, Professor~~

~~Academic year 2010-11, two-thirds pay~~

~~To focus on technical outreach in the area of energy; and to build upon the masters of engineering degree.~~

COLLEGE OF LIBERAL ARTS AND SCIENCES

Department of African-American Studies

CYNTHIA M. BLAIR, Associate Professor

Second semester 2010-11, full pay

To begin research on West Indian immigration to the U.S. between 1940 and 1965; and to read existing sociological and historical literatures on labor migration.

Department of Anthropology

WAUD H. KRACKE, Professor

Academic year 2010-11, one-half pay; or first semester 2010-11, full pay

To document structures of Kagwahiv, an endangered Amazonian language, including a grammatical form for telling dreams; and to complete a book on native artists presenting the Parintintin Indian groups world view.

ELIZABETH ABRAMS RICH, Assistant Professor

First semester 2010-11, two-thirds pay

To conduct research in Tanzania and Chicago on maternal health, focusing on decision-making about place of birth and risk factors for post-partum hemorrhage.

Department of Biological Sciences

RONALD R. DUBREUIL, Associate Professor

First semester 2010-11, full pay

To gain experience studying the anaerobic bacterium *Geobacter* and its unique ability to generate electricity when grown in a microbial fuel cell.

BRIAN KAY, Professor

Second semester 2010-11, two-thirds pay

To learn and to apply new techniques in protein engineering and molecular biology in the laboratory of Professor Andreas Pluckthun, a world expert in the design of affinity reagents.

NAVA SEGEV, Professor

Second semester 2010-11, full pay

To expand training and to conduct biomedical research with developers of advanced microscopy equipment; and to perform research in the laboratory of Nobel Laureate, Dr. Erwin Neher at a Max Planck Institute.

Department of Chemistry

LESLIE WO-MEI FUNG, Professor

Second semester 2010-11, full pay

To research molecular mechanisms of protein synthesis to be utilized in teaching and research.

ROBERT J. GORDON, Professor

Second semester 2010-11, full pay

To work in the laboratory of Professor Yehiam Prior at the Weizmann Institute of Science; and to learn the technique of single-shot Four Wave Mixing (FWM) spectroscopy.

TIMOTHY A. KEIDERLING, Professor

First semester 2010-11, two-thirds pay

To develop next generation temperature jump infrared spectrometer with Professor Karin Hauser in Aachen, Germany; and to continue collaboration in fast peptide and protein folding studies.

Department of Communication

ANDREW ROJECKI, Associate Professor

First semester 2010-11, full pay

To complete a book manuscript, *Globalization and the Politics of Vulnerability*, on how the globalization related crisis of the 2000s interacted with U.S. politics and a new information infrastructure.

Department of Economics

PAUL J. PIEPER, Associate Professor

First semester 2010-11, full pay

To research the measurement of capital formation and its relation to economic growth.

LAWRENCE H. OFFICER, Professor

Second semester 2010-11, full pay

To generate new long-run data series relating to U.S. gross domestic product and to use these series to examine controversial issues in U.S. economic history.

Department of English

TODD D. DESTIGTER, Associate Professor

Second semester 2010-11, full pay

To research and to write a book-length monograph on a collaboration between UIC's English Education Program and Benito Juarez Community Academy to teach AP Composition to high school seniors.

MADHU DUBEY, Professor

Second semester 2010-11, full pay

To complete research and to write a monograph titled, *Slaves, Aliens and Others: The Speculative Fiction of Octavia Butler*, evaluating the literary work of novelist Octavia Butler.

ROBIN SANDRA GREY, Associate Professor

First semester 2010-11, full pay

To finish writing a book-length study of nineteenth century American (Southern) novelists who imagined the Civil War before it happened; suggesting what their novels reveal about the complexity of Southern culture.

ALFRED THOMAS, Professor

First semester 2010-11, full pay

To research a project provisionally titled, *Wilde in Bohemia: The Reception of the Works and Ideas of Oscar Wilde in East-Central Europe*.

ANNE WINTERS, Professor

Second semester 2010-11, full pay

To work on a sequence of sonnets, *Works on Paper*, dealing with Northern European etchings, five of which have been published in Poetry Magazine.

Department of Germanic Studies

SARA FRANCES HALL, Associate Professor

First semester 2010-00, full pay; or second semester 2010-11, full pay

To perform archival research for an article on female film pioneer Fern Andra and a book on German-American movie remakes, editorial projects on female film pioneers, and film censorship.

DAGMAR C.G. LORENZ, Professor

First semester 2010-11, full pay

To perform research in preparation for a book project, *The Stereotype of the Nazi in the Fiction and Films of Jewish Authors in Germany and Austria; Origins, Evolution, and Function of A stock Character*.

Department of History

STEVEN C. FANNING, Associate Professor

Second semester 2010-11, full pay

To continue research and to write a book, *Mystics of World Religious Traditions*.

NOELLE TN JORDAN, Associate Professor

Academic year 2010-11, two-thirds pay

To study the development, by a German ally and with German complicity during World War I, of gas chambers to murder enemy populations under the pretext of delousing them, as well as the dissemination of this knowledge during the Third Reich.

JAMES F. SEARING, Professor

First semester 2010-11, full pay

To complete a manuscript on the Sereer-Safen, a minority ethnic group in Senegal tentatively titled, *Transforming Ethnicity: Tradition and Islam as seen by Sereer-Safen, 1800s to 1950s*.

Department of Philosophy

WALTER EDELBERG, Associate Professor

First semester 2010-11, full pay

To complete research and to write a monograph on the philosophical foundations of formal semantics, focusing especially on the meanings of proper names.

NICHOLAS HUGGETT, Professor

Second semester 2010-11, full pay

To undertake a philosophical investigation of the emergence of space time in theories of quantum gravity; and to work on a co-authored book on the subject.

DANIEL L. SUTHERLAND, Associate Professor

Academic year 2010-11, two-thirds pay; or second semester 2010-11, full pay

To research contemporary accounts of mathematical cognition and how we know mathematical truths, taking into account the continuing influence of Immanuel Kant's philosophy of mathematics.

Department of Physics

WAI-YEE KEUNG, Professor

Academic year 2010-11, two-thirds pay; or second semester 2010-11, full pay

To make world-class contributions in the area of Dark Matter Physics, this is among the most significant puzzles in science today with dramatic progress occurring in this field.

WALTER ANDREAS SCHROEDER, Professor

First semester 2010-11, full pay

To conduct collaborative research on the development of ultrafast electron microscopy at Argonne National Laboratory and to conclude the laboratory modernization of PHYS 245 – Modern Optics.

Department of Political Science

STEPHEN G. ENGELMANN, Associate Professor

Second semester 2010-11, full pay

To complete a manuscript, *Biopolitics: Darwin, Moral Philosophy, and the Pursuit of Social Science*, on the sources and fate of Charles Darwin's moral theory, with special reference to governance, politics, and political science.

Department of Psychology

KARINA REYES, Associate Professor

Academic year 2010-11, two-thirds pay; or first semester 2010-11, full pay

To conduct a 20-year longitudinal follow-up study on high school dropouts among youth from urban, minority backgrounds.

Department of Slavic and Baltic Languages and Literatures

COLLEEN MCQUILLEN, Assistant Professor

First semester 2010-11, one-half pay

To complete a monograph about masquerade as a social institution and literary motif in early twentieth-century Russian culture.

Department of Sociology

MARIA KRYSAN, Associate Professor

Academic year 2010-11, two-thirds pay

To complete research contributing to academic and policy debates in immigrant/non-immigrant relations and immigration policy in communities experiencing Latino immigration in different ways.

Department of Spanish, French, Italian and Portuguese

CHARLES JOHN IRELAND, Associate Professor

Academic year 2010-11, two-thirds pay

To complete a book, provisionally titled, *Occupations, Deportations, Dirty Wars: Staging the Traumas of Vichy France and the Algerian War of Independence*.

COLLEGE OF MEDICINE

Department of Medicinal Chemistry and Pharmacognosy

GUIDO FRANK PAULI, Associate Professor

Second semester 2010-11, full pay

To perform high-resolution, ultra-high-field (UHF) Nuclear Magnetic Resonance (NMR) analyses of natural products using cutting edge micro-cryoprobe NMR technology.

Department of Medical Education

TIMOTHY F. MURPHY, Professor

Second semester 2010-11, full pay

To write the first book-length study of the ethics of research intended to control aging mechanisms in humans, non-human animals and other organisms.

Department of Microbiology and Immunology

LINDA J. KENNEY, Professor

First semester 2010-11, full pay

To develop and to use new methodologies in research such as the use of specialized microscopy not commercially available.

COLLEGE OF NURSING

Department of Health Systems Science

EUNICE EUNKYUNG LEE, Associate Professor

Academic year 2010-11, one-half pay

To conduct pilot studies that will contribute to a new NIH grant proposal and other funding for program research; and to enhance global leadership skills with faculty in Korea.

COLLEGE OF PHARMACY

Department of Biopharmaceutical Sciences

ZAIJIE WANG, Associate Professor

Academic year 2010-11, two-thirds pay

To gain added exposure to research in electrophysiology and regenerative medicine.

SCHOOL OF PUBLIC HEALTH

Division of Epidemiology and Biostatistics

LESLIE THOMAS STAYNER, Professor

Second semester 2010-11, full pay

To collaborate with researchers at the Center for Environmental Epidemiology in Barcelona, Spain, on studies examining the association between pesticides and childhood cancers.

Division of Environmental and Occupational Health Sciences

LORRAINE M. CONROY, Professor

Second semester 2010-11, full pay

To gain expertise in occupational and environmental health policy for course development with a planned concentration in Environmental and Occupational Health Sciences.

COLLEGE OF URBAN PLANNING AND PUBLIC AFFAIRS

Department of Urban Planning and Policy

DAVID C. PERRY, Professor

Second semester 2010-11, full pay

To advance research related to a multi-year project on contested cities and urban universities in North America, Europe and Asia.

TING-WEI ZHANG, Professor

First semester 2010-11, full pay

To complete the research of open space use in cities in China and the U.S.; and to

complete a book, Chinese City Reader, with peers at Tongji University, China.

Department of Public Administration

SHARON H. MASTRACCI, Associate Professor

First semester 2010-11, full pay

To assemble and to coordinate multiple-authored chapters into a single manuscript draft for publisher review.

SPRINGFIELD

COLLEGE OF BUSINESS AND MANAGEMENT

Department of Economics

BAKER A. SIDDIQUEE, Associate Professor

First semester 2010-11, full pay

To study the economic consequences of globalization and specifically research the impact of the large inflow of foreign funds on the domestic economy.

Department of Management Information Systems

XIAOQING LI, Associate Professor

First semester 2010-11, full pay

To research the development, adoption, and application of mobile telecommunications in China.

COLLEGE OF LIBERAL ARTS AND SCIENCES

Department of Sociology/Anthropology

SHARON SUE GRAF, Associate Professor

Academic year 2010-11, two-thirds pay

To conduct ethnomusicological field research in the South Pacific Island region of Oceania, including Polynesia and New Zealand.

COLLEGE OF PUBLIC AFFAIRS AND ADMINISTRATION

Department of Criminal Justice

LEANNE R. BRECKLIN, Associate Professor

First semester 2010-11, full pay

To examine the psychological and behavioral changes of female self-defense participants through analysis of in-depth interviews and longitudinal surveys.

RYAN K. WILLIAMS, Associate Professor

Second semester 2010-11, full pay

To examine the relationship between aggression, violence, and sporting behavior; and to apply the concepts, theories, and general content area of criminology to the social world of sport.

Department of Political Science and Institute of Government and Public Affairs

CHRISTOPHER Z. MOONEY, Professor

Second semester 2010-11, full pay

To study legislative decision-making through structured interviews of Illinois state legislators.