

Board Meeting  
April 11, 2006

SABBATICAL LEAVES OF ABSENCE, 2006-07

**Action:** Approve Sabbatical Leave Requests

**Funding:** No New Funding Required

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

The programs of research and study for which leaves are requested have been examined on all campuses. The Vice President for Academic Affairs concurs in these recommendations.

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

The President of the University recommends approval.

CHICAGO

## COLLEGE OF ARCHITECTURE AND THE ARTS

Department of Art History

ROBERT BRUEGMANN, Professor

Second semester 2006-07, full pay

To research and to work on two books: one on Chicago architect Harry Weese; and one on current land-use trends in the United States: the trends, citizens' responses to the trends, and how they shape current public policy.

MARTHA POLLAK, Professor

Academic year 2006-07, two-thirds pay

To begin research for a new book on European housing and domestic interiors, as conceived by architects from the Renaissance to the eighteenth century.

## COLLEGE OF BUSINESS ADMINISTRATION

Department of Economics

FRANK JOSEPH CHALOUPKA, Professor

Academic year 2006-07, two-thirds pay

To work on the development of three monographs on tobacco-related research: control policies globally, smokeless state programs, and analysis of tobacco use in youth.

BARRY R. CHISWICK, Professor

First semester 2006-07, full pay

To engage in research on the determinants of bilingualism among those born in the United States, and the effects of this bilingualism on their earnings.

CARMEL ULLMAN CHISWICK, Professor

First semester 2006-07, full pay

To write a book on the economics of American Judaism.

GEORGIOS KARRAS, Professor

Second semester 2006-07, full pay

To investigate the advantages and disadvantages of a world currency; its costs and benefits for a large sample of developed and developing economies.

Department of Finance

OLEG P. BONDARENKO, Associate Professor

Academic year 2006-07, two-thirds pay

To study pricing of contingent claims, with particular attention to options on individual stocks and variance derivatives.

STANLEY ROY PLISKA, Professor

First semester 2006-07, two-thirds pay

To pursue mathematical and economic research concerned with financial planning: optimal consumption, investment, and insurance purchase decisions by a wage earner.

Department of Information and Decision Sciences

ARIS M. OUKSEL, Associate Professor

Second semester 2006-07, full pay

To pursue research and applications in information processing and management in sensor technologies, mobile ad-hoc networks, and emergent semantics.

Department of Managerial Studies

CHERYL C. NAKATA, Associate Professor

Academic year 2006-07, two-thirds pay

To study organizational and environmental influences on the strategic marketing capabilities of businesses.

## COLLEGE OF EDUCATION

JOSEPH J. BECKER, Associate Professor

Second semester 2006-07, full pay

To pursue work on meaning and consciousness; drawing on psychology, philosophy, and writings by artists and critics on the nature of artistic activity.

WILLIAM H. SCHUBERT, Professor

First semester 2006-07, full pay

To continue editing the *Encyclopedia of Curriculum Studies* for Sage Publication; and to begin authorship of a book on social justice and personal meaning in curriculum studies.

MARK A. SMYLIE, Professor

First semester 2006-07, full pay

To study new school development and the processes of development most conducive to new schools' success. Research will be done in Chicago Public Schools and will address accountability, school closures, and school choice provisions of the federal "No Child Left Behind" (NCLB) legislation.

MARIA VARELAS, Professor

First semester 2006-07, full pay

To orchestrate collaborative teacher action research; expanding scholarship in integrating science and literacy in primary grades, offering research-based curricular, and pedagogical recommendations for practice.

## COLLEGE OF ENGINEERING

### Department of Bioengineering

JIE LIANG, Associate Professor

Academic year 2006-07, one-half pay

To develop computational methods for studying biomolecules and to develop applications in medicine.

ANDREAS A. LINNINGER, Associate Professor

Academic year 2006-07, two-thirds pay

To research the transport phenomena of the brain and analysis of uncertain systems; to examine experimental techniques in drug delivery and hydrocephalus (water on the brain); to perform complex system analysis to improve interpretation of data in clinical brain research; and to learn new teaching tools.

### Department of Civil and Materials Engineering

E. J. ERNESTO INDACOCHEA, Professor

Academic year 2006-07, two-thirds pay

To work on establishing an international research and educational center focused on developing advanced nanostructured coatings for next generation gas turbine engines.

### Department of Computer Science

BHASKAR DASGUPTA, Associate Professor

First semester 2006-07, two-thirds pay

To study the application of advanced combinatorial algorithmic techniques to solve computationally challenging problems in systems biology.

AJAY D. KSHEMKALYANI, Associate Professor

Academic year 2006-07, two-thirds pay

To enhance research expertise in computer networks and distributed computing, and to write a textbook focusing on foundations and algorithms of distributed computing.

JOHN P. LILLIS, Associate Professor

Academic year 2006-07, two-thirds pay

To ensure practical relevance of future research projects in the field of Electronic Design Automation (EDA); to pursue graduate course development in logic synthesis and to focus on a current research project realizing the potential on lower-bounding techniques in physical design.

CLEMENT T. YU, Professor

Academic year 2006-07, two-thirds pay

To perform research in drug and medical treatments; metasearch in metabolic pathways and query optimization in biomedical databases; retrieve information; and find unknown side-effects of drugs.

#### Department of Electrical and Computer Engineering

ASHFAQ KHOKHAR, Professor

First semester 2006-07, full pay

To complete research and to write an edited volume of *Transactions on Parallel and Distributed Systems* on distributed algorithms and protocols for sensor networks.

DERONG LIU, Associate Professor

Academic year 2006-07, one-half pay

To conduct research in real-time embedded systems and power systems, and to set up a center for embedded systems and computational intelligence.

#### JANE ADDAMS COLLEGE OF SOCIAL WORK

MARY PATRICIA O'BRIEN, Associate Professor

First semester 2006-07, full pay

To review interdisciplinary findings on women's involvement with the criminal justice system; to complete research; to write two articles, and to develop a doctoral seminar on qualitative methods.

## COLLEGE OF LIBERAL ARTS AND SCIENCES

Department of Anthropology

JOEL W. PALKA, Associate Professor

Second semester 2006-07, full pay

To complete research, writing, and illustrations for monograph entitled, *Classic Maya Social Inequality and the Collapse at Dos Pilas, Peten, Guatemala* for Vanderbilt University Press.

JACK H. PROST, Associate Professor

First semester 2006-07, full pay

To research the current controversies over the new fossil hominid *Homo floresiensis* (juvenile orangutan) with emphasis on developmental growth interdependencies.

Department of Biological Sciences

HENRY FRANKLIN HOWE, Professor

First semester 2006-07, full pay

To catalyze the use of experimental scientific approaches in ecological restoration in Illinois and Wisconsin, and publish results.

Department of Classics and Mediterranean Studies

PAUL J. GRIFFITHS, Professor

Academic year 2006-07, one-half pay; or first semester 2006-07, full pay

To complete the research for, and the writing of, a book on the development of European thought about the nature of intellectual appetite, *The Vice of Curiosity: An Essay on the Nature of Intellectual Appetite*.

Department of Communication

PATRICIA HARKIN, Associate Professor

Second semester 2006-07, full pay

To work on a book entitled, *Practical Reading: Errors and Expectations*. The purpose is to connect theories from communication studies and English studies describing problems college students have with reading; to offer explanations for these differences, and to suggest a pedagogy to address them.

Department of Criminal Justice

SARAH E. ULLMAN, Professor

Second semester 2006-07, full pay

To continue longitudinal study of sexual assault survivors' recovery; to review literature, analyze pilot data, and to write the grant proposal to continue NIH (National Institute of Health) funding.

Department of English

THOMAS HOWARD BESTUL, Professor

Second semester 2006-07, full pay

To complete a biography of the Chaucer scholar, Ramona Bressie, Ph.D., University of Chicago (1894-1970), with an edition of extracts from her diaries.

RALPH E. CINTRON, Associate Professor

First semester 2006-07, full pay

To continue ethnographic fieldwork in Chicago and Kosovo on issues of political and economic transparency and to start composing a book on the same subject.

Department of Gender and Women's Studies

JOHN A. D'EMILIO, Professor

Second semester 2006-07, full pay

To finish research for, and begin writing a book, tentatively entitled, *An Army of Lovers: The Gay and Lesbian Movement in the United States*.

Department of Germanic Studies

SUSANNE ROTT, Associate Professor

Second semester 2006-07, full pay

To complete research on a book, *Fluency and Native-like Expressions in a Second Language: The Lexical Prospective*, establishing a theoretical model of adult second language acquisitions with a specific focus on the second language lexicon.

ASTRIDA ORLE TANTILLO, Associate Professor

Second semester 2006-07, full pay

To complete research and to write a monograph on Goethe's *Faust*, with a particular focus on the play's analysis and critique of modern science.

Department of History

RENATO BARAHONA, Professor

First semester 2006-07, full pay

To complete a book manuscript entitled, *Popular Culture, Society, and Sexuality in Early Modern Spain: The Basque Provinces, 1500-1700*.

LEON FINK, Professor

Second semester 2006-07, full pay; or first semester 2006-07, full pay

To complete the penultimate chapters of a scholarly book entitled, *Citizens at Sea: Regulating Labor in the Atlantic World, 1800-2000*.

RICHARD R. JOHN, Professor

First semester 2006-07, full pay

To revise for publication a book manuscript on telecommunications history in America, and to edit a collection of related essays on the history of telephones.

INA ZWEINIGER-BARGIELOWSKA, Associate Professor

First semester 2006-07, full pay

To complete research and to write a monograph on the history of the body and public health, *Managing the Body: Beauty, Health, and Fitness in Britain, 1880-1950*.

Department of Latin American and Latino Studies

FRANCES APARICIO, Professor

Second semester 2006-07, full pay

To complete research and to write a chapter on the cultural identities of Latinos/as who have a dual national legacy, self-termed "inter-latino subjects."

Department of Mathematics, Statistics, and Computer Science

JOHN T. BALDWIN, Professor

First semester 2006-07, two-thirds pay

To collaborate with a noted model theorist Enriques Casanovas at the University of Barcelona and to finish a monograph on Abstract Elementary Classes.

MARC EDWARD CULLER, Professor

Second semester 2006-07, two-thirds pay

To facilitate on-going research collaboration with one of Canada's leading topologists, Professor Steven Boyer, at the Centre de Recherche Mathematiques (CRM) at the Universite de Montreal.



STEVEN E. HURDER, Professor

Second semester 2006-07, full pay

To develop research on dynamics, geometry, and analytic properties of foliated spaces, and to pursue collaborations on research in geometry and dynamics with co-authors in Poland and Germany.

DAVID ELLIS MARKER, Professor

Second semester 2006-07, full pay

To study the field of complex numbers with exponentiation in collaboration with other renowned logicians at Oxford University.

HOWARD ALAN MASUR, Professor

First semester 2006-07, full pay

To continue research in the geometry and topology of surfaces; dynamics of flow and combinatorial aspects of surfaces.

JAN VERSCHELDE, Associate Professor

First semester 2006-07, full pay

To participate in the 2006-2007 thematic program on “Applications of Algebraic Geometry” at the Institution for Mathematics and its Applications in Minnesota.

PHILIP D. WAGREICH, Professor

Second semester 2006-07, full pay

To conduct research on the history and learning of geometry, with particular attention to implications for the education of teachers and development of K-12 curriculum.

#### Department of Philosophy

LISA J. DOWNING, Associate Professor

First semester 2006-07, full pay

To complete a draft of a book manuscript entitled, *Empiricism and Newtonianism: Locke, Berkeley, and the Decline of Strict Mechanism*.

CONSTANCE C. MEINWALD, Associate Professor

Academic year 2006-07, one-half pay

To complete a draft of a single author book offering a unified and continuous treatment of Plato volume for Routledge Philosophers Series.

Department of Physics

TOM DAVID IMBO, Associate Professor

Second semester 2006-07, full pay

To investigate three pressing problems (measurement, line travel, and black holes) in the foundations of quantum physics from a multi-disciplinary perspective and to address the possibility of their simultaneous resolution.

NIKOS VARELAS, Associate Professor

Academic year 2006-07, two-thirds pay; or first semester 2006-07, full pay

To complete major Fermilab responsibilities in the D0 experiment; and to start a leading research effort in the CMS experiment at CERN in Geneva Switzerland, in search of The Higgs Boson, a key priority in particle physics.

Department of Political Science

DENNIS R. JUDD, Professor

First semester 2006-07, full pay

To complete research and to write a book linking the 1893 Columbian Exposition and the City Beautiful movement with tourism promotion in contemporary Chicago.

Department of Psychology

ROGER PAUL WEISSBERG, Professor

First semester 2006-07, full pay

To complete a major review of social-emotional learning programs; and to initiate research on educational leadership to enhance students' social, emotional, and academic learning.

Department of Sociology

WILLIAM P. BRIDGES, Professor

First semester 2006-07, full pay

To develop a new research project on racial, ethnic, and nativity (native-born/immigrant) disparities in access to housing assets in the United States.

ANTHONY ORUM, Professor

First semester 2006-07, full pay

To perform research on ethnic communities and how they are reshaping the character of metropolitan Chicago.

Department of Spanish, French, Italian and Portuguese

ELLEN M. McCLURE, Associate Professor

Second semester 2006-07, full pay

To continue research on a book-length project dealing with idolatry and representation in Counter-Reformation France.

MARIA MARGARITA SAONA, Associate Professor

First semester 2006-07, full pay

To complete the research for a book manuscript entitled, *Where Have All the Men Gone? Representations of Masculinity in Peru.*

COLLEGE OF MEDICINE AT CHICAGO

Department of Medical Education

ALAN J. SCHWARTZ, Associate Professor

Academic year 2006-07, two-thirds pay; or first semester 2006-07, full pay

To produce a translational scholarly book for practicing physicians tentatively entitled, *Making Medical Decisions: A Guide for Physicians.*

Department of Physiology and Biophysics

PIETER P. de TOMBE, Professor

Second semester 2006-07, full pay

To study the discovery of a specific subdomain of the contractile protein, TnI, which plays a prominent role in the length modulation of muscle contractile force.

COLLEGE OF NURSING

Department of Medical-Surgical Nursing

DORIE W. SCHWERTZ, Associate Professor

September 1, 2006, through May 31, 2007, full pay

To gain further methodological, technical, and laboratory expertise in the areas of pathophysiology of heart failure, signal transduction in heart failure and steroid hormone signaling; to establish collaborative relationships with other laboratories investigating signal transduction in heart failure.

## COLLEGE OF PHARMACY

Department of Medicinal Chemistry and Pharmacognosy

ALEXANDER A. NEYFAKH, Professor

Second semester 2006-07, full pay

To advance research and to write a monograph on the evolution of life-like virtual organisms, utilizing a computer program that applies Darwinian principles of natural selection to virtual organisms.

## SCHOOL OF PUBLIC HEALTH

Division of Environmental and Occupational Health Sciences

MICHAEL CAILAS, Associate Professor

Academic year 2006-07, one-half pay

To conduct research on the use of geographic information systems (GIS) and geostatistical techniques for assessing environmental exposure risk.

## COLLEGE OF URBAN PLANNING AND PUBLIC AFFAIRS

Public Administration Program

REBECCA M. HENDRICK, Associate Professor

First semester 2006-07, full pay

To complete a book-length manuscript on the financial management practices and fiscal condition of suburban municipalities in the Chicago metropolitan region.

Urban Planning and Policy Program

PHILLIP J. BOWMAN, Professor

Academic year 2006-07, two-thirds pay

To complete research for a book on *Globalization and African American Family Poverty: Challenges for the 21<sup>st</sup> Century*; and to develop strategies for new collaborative race and public policy research.

MARTIN S. JAFFE, Associate Professor

First semester 2006-07, full pay

To examine the economics of water supply provision in northeastern Illinois in order to formulate more effective management policies and programs.

RACHEL N. WEBER, Associate Professor

Academic year 2006-07, two-thirds pay

To conduct research in preparation of a second book tentatively titled: "*Planned Obsolescence: Building the Disposable City*", which examines the institutional context for demolishing the built environment.

## SPRINGFIELD

### COLLEGE OF BUSINESS AND MANAGEMENT

#### Department of Accountancy

CAROL MENEGHETTI JESSUP, Associate Professor

Academic year 2006-07, two-thirds pay

To develop instructional materials that will improve the communication and negotiation skills of auditing and accounting students.

#### Department of Business Administration

ARDESHIR LOHRASBI, Associate Professor

First semester 2006-07, full pay

To develop a research handbook for Production and Operations Management students that includes a review of global operations and service management; the role of the Internet and technology in production and operations management; and changes in operation management in the past 25 years.

### COLLEGE OF EDUCATION AND HUMAN SERVICES

#### Educational Leadership Program

DANIEL MATTHEWS, Associate Professor

First semester 2006-07, full pay

To conduct a review of research on on-line education and its relationship to traditional university values.

## COLLEGE OF LIBERAL ARTS AND SCIENCES

Liberal Studies/Individual Option Program

ROSINA NEGINSKY, Associate Professor

Second semester 2006-07, full pay

To conduct research and to complete a draft of a book on mythology, and to develop two new courses in the discipline.

Liberal Studies/Individual Option Program and Women's Studies Program

ANNETTE J. VAN DYKE, Associate Professor

First semester 2006-07, full pay

To study the iconography of ancient goddess sites in Western Europe and to review the literature in women's spirituality to improve professional teaching skills and to enhance the content of a Women's Studies course.

URBANA-CHAMPAIGNCOLLEGE OF AGRICULTURAL, CONSUMER AND ENVIRONMENTAL  
SCIENCESDepartment of Agricultural and Consumer Economics

JOYCE E. ALLEN-SMITH, Associate Professor

Academic year 2006-07, one-half pay

To conduct research on USDA Food-Aid Programs in Kenya.

HAYRI ÖNAL, Professor

First semester 2006-07, full pay

To conduct research for developing an economically and ecologically efficient large-scale conservation reserve network in the Cape Floristic Region, a global biodiversity hot spot.

Department of Crop Sciences

KEVIN L. STEFFEY, Professor

January 16, 2007, through August 22, 2007, full pay

To explore development of distance education opportunities to advance the department's off-campus graduate studies program, and to develop plans for an advanced professional degree in crop systems sciences.

Department of Food Science and Human Nutrition

SCOTT A. MORRIS, Associate Professor

Academic year 2006-07, two-thirds pay

To continue and to complete scholarly work on a comprehensive text for use in food engineering classes.

Department of Natural Resources and Environmental Sciences

ANTON G. ENDRESS, Professor

Second semester 2006-07, full pay

To improve technical skills in ecological restoration and to evaluate how scientific information is being applied to complex and land-use management and habitat conservation policies and procedures.

ROBERT J.M. HUDSON, Associate Professor

Academic year 2006-07, two-thirds pay

To write papers and to conduct research in Hg biogeochemistry using ICP-MS techniques.

JOANNE VINING, Associate Professor

Academic year 2006-07, two-thirds pay

To learn techniques for managing and understanding emotions for inclusion in workshops on emotion for natural resource managers.

THOMAS B. VOIGT, Associate Professor

First semester 2006-07, full pay

To examine grass ecology by studying native and exotic grasses growing and planted in the Midwest.

COLLEGE OF APPLIED LIFE STUDIES

Department of Kinesiology

EDWARD MCAULEY, Professor

Second semester 2006-07, full pay

To obtain further expertise in the implementation of community interventions to improve physical and psychological function and quality of life in older adults.

## COLLEGE OF BUSINESS

Department of Business Administration

JOHN W. KINDT, Professor

First semester 2006-07, full pay

To update and to publish new Volumes Five and Six of a book entitled, *Marine Pollution and the Law of the Sea*, with one emphasis being the 2004 Tsunami.

STEVEN C. MICHAEL, Associate Professor

Second semester 2006-07, full pay

To further study and to contribute to the entrepreneurship theory, focusing on how entrepreneurs make transactions.

GREG R. OLDHAM, Professor

First semester 2006-07, full pay

To complete several projects currently underway and to start new projects concerned with the effects of organizational and personal characteristics on employees' creativity at work.

MADHUBALAN VISWANATHAN, Associate Professor

Second semester 2006-07, full pay

To pursue specific research projects that build on foundational research on low-literate buyers and sellers in the global marketplace.

Department of Finance

ALLEN MARK POTESHMAN, Associate Professor

First semester 2006-07, full pay

To acquire knowledge of state-of-the-art techniques for detecting relationships in data so the techniques can be applied in research and teaching.

## COLLEGE OF COMMUNICATIONS

Department of Advertising

PATRICK T. VARGAS, Associate Professor

Second semester 2006-07, full pay

To develop a new line of research examining environmental attitudes and behavior and persuasive communications intended to reduce consumption of natural resources (i.e., water, fuel, etc.).



Department of Journalism

STEVEN J. HELLE, Professor  
 Second semester 2006-07, full pay  
 To write a treatise on freedom of speech and press.

## COLLEGE OF EDUCATION

Department of Curriculum and Instruction

ARTHUR J. BAROODY, Professor  
 First semester 2006-07, full pay  
 To analyze and disseminate data of three grant-supported projects; to apply for a new NIH grant; and to complete work on two books for educators.

RENEE T. CLIFT, Professor  
 First semester 2006-07, full pay  
 To write a book and several articles on teacher development based on five years of longitudinal data.

GEORGIA E. GARCIA, Professor  
 Second semester 2006-07, full pay  
 To write articles from the grant, Instruction of Reading Comprehension: Cognitive Strategies or Responsive Engagement, and to research and to write a book on second-language children's reading.

IAN D. WESTBURY, Professor  
 First semester 2006-07, full pay  
 To write a monograph reporting the findings of a cross-national study of state-based curriculum-making and its curricular effects in schools, to prepare a manuscript on curriculum theory, and to prepare labs for a new course.

Department of Educational Policy Studies

WALTER FEINBERG, Professor  
 Second semester 2006-07, full pay  
 To conduct research for a book tentatively entitled, *A Pragmatic Reconstruction of Philosophy of Education*, which will examine the history of the philosophy of education as it relates to the development of a collective national and global identity.

WILLIAM T. TRENT, Professor

Academic year 2006-07, two-thirds pay

To complete a new book project focused on an empirical examination of the education of African American children, K-12 and young adults through first professional degrees, and to conclude work on an edited volume on mentoring currently in progress.

Department of Special Education

JANET S. GAFFNEY, Associate Professor

Academic year 2006-07, two-thirds pay

To write research grants on addressing reading and writing difficulties of adolescents; to complete a book manuscript on the same topic; and to collaborate with other researchers in this area.

JAMES W. HALLE, Professor

First semester 2006-07, full pay

To examine communicative behavior of young children with autism and developmental disabilities as they interact in home and school settings.

COLLEGE OF ENGINEERING

Department of Aerospace Engineering

JOHN LAMBROS, Associate Professor

Second semester 2006-07, full pay

To perform collaborative work with researchers in Europe on current and novel aspects of impact response of materials with micro and nanostructure.

Department of Civil and Environmental Engineering

MARK M. CLARK, Professor

Second semester 2006-07, full pay

To write the second edition of a textbook, *Transport Modeling for Environmental Engineers and Scientists* (Wiley, 1996), and to develop research collaborations at Duke University and the National Institute of Applied Science, Toulouse, France.

Department of Computer Science

SARITA V. ADVE, Professor

Academic year 2006-07, one-half pay

To develop techniques to estimate and to improve the reliability of computer architectures, and to write a book on the topic.

VIKRAM SADANAND ADVE, Associate Professor

Academic year 2006-07, one-half pay

To explore compiler and run-time techniques for optimizing the performance of large commercial Java software systems like IBM's Websphere Application Server.

JOHN C. HART, Associate Professor

First semester 2006-07, full pay

To study music and sculpting, in support of the invention of new algorithms and software for personal digital content creation.

ROBIN HILLARY KRAVETS, Associate Professor

First semester 2006-07, full pay

To support active research in wireless ad hoc and sensor networks, and to foster collaborations with international members of the wireless networking research community.

DAN ROTH, Associate Professor

Academic year 2006-07, two-thirds pay

To complete research and a text book in the area on learning and inference in natural language.

#### Department of Electrical and Computer Engineering

NARENDRA AHUJA, Professor

First semester 2006-07, full pay

To rigorously formulate a new approach to video representation that we have recently introduced, and to begin a book relating engineering principles to everyday human interactions.

JENNIFER TRUMAN BERNHARD, Associate Professor

Second semester 2006-07, full pay

To develop new kinds of passive electromagnetic sensing systems in collaboration with colleagues at the University of California-Los Angeles, the University of Wisconsin, and the University of Minnesota.

CHRISTOFOROS NIKOS HADJICOSTIS, Associate Professor

First semester 2006-07, full pay

To complete research and to write a monograph on distributed detection and estimation algorithms and their applications to monitoring and control of large-scale systems and networks.

MARK ALLAN HASEGAWA-JOHNSON, Associate Professor

Second semester 2006-07, full pay

To work with Jeff Bilmes at the University of Washington to develop an open-source software toolkit for next-generation speech recognition research.

JEAN-PIERRE LEBURTON, Professor

Second semester 2006-07, full pay

To explore new research issues in quantum dot electronics and spintronics for quantum information processing.

SEAN P. MEYN, Professor

Academic year 2006-07, two-thirds pay

To conduct research concerning the development of tools to investigate complex dynamic systems, with economic systems taken as the main object of application, at Princeton, New York University, and Stanford.

THOMAS J. OVERBYE, Professor

First semester 2006-07, full pay

To write a textbook covering topics associated with electric power system analysis and electric power industry restructuring.

GARY R. SWENSON, Professor

First semester 2006-07, full pay

To organize and to participate in the development of a major initiative to develop a satellite program for a future NASA opportunity with the Medium Explorer program (MIDEX).

#### Department of Materials Science and Engineering

LESLIE H. ALLEN, Associate Professor

First semester 2006-07, full pay

To pursue new research in microelectronics and biology using a novel measurement device (NanoDSC), which was developed by a group at the University of Illinois at Urbana-Champaign.

#### Department of Mechanical and Industrial Engineering

NARAYANA R. ALURU, Associate Professor

Academic year 2006-07, two-thirds pay

To explore nanomedicine applications of biological and synthetic ion channels, and to conduct basic research in the areas of micro/nano electromechanical systems (MEMB/NEMS), micro and nanofluidics.

JOHN G. GEORGIADIS, Professor

First semester 2006-07, full pay

To further collaborate at Cambridge and Oxford Universities in the use of Magnetic Resonance Imaging for measuring flow and mass transfer, and to collaborate with co-author of text/monograph on this subject.

NICK G. GLUMAC, Associate Professor

First semester 2006-07, full pay

To learn and to apply advanced high-speed diagnostics to enhance a research program in energetic materials.

XUDONG ZHANG, Associate Professor

Academic year 2006-07, one-half pay

To explore new directions in biomechanics research, and to broaden range of collaboration and experience with leading researchers and scholars, particularly with those in clinical environments.

#### Department of Physics

YOSHITSUGU OONO, Professor

First semester 2006-07, full pay

To complete the initial stage of the theory of biological systems.

### COLLEGE OF FINE AND APPLIED ARTS

#### School of Architecture

MIR M. ALI, Professor

First semester 2006-07, full pay

To work on a book entitled, *Skyscraper and the City*, which is in progress, and to carry out research on tall building design and construction.

ABBAS AMINMANSOUR, Associate Professor

Second semester 2006-07, full pay

To conduct research and to complete the manuscript for practical design of structural steel.

BOTOND BOGNAR, Professor

First semester 2006-07, full pay

To complete the final stages of research and to write the manuscript of the book entitled, *Beyond the "Bubble" -- The New Japanese Architecture* for the publisher Phaidon Press in London.

KEVIN J. HINDERS, Associate Professor

Second semester 2006-07, full pay

To do creative work completing a major design competition, while learning and using state-of-the-art digital technology software.

School of Art and Design

LAURETTA J. HOGIN, Associate Professor

Academic year 2006-07, two-thirds pay

To produce new work for five solo exhibitions, and to explore new and evolving areas of research.

BILLIE J. THEIDE, Professor

First semester 2006-07, full pay

To participate in a symposium in Poland, to manage a material analysis of metal clays, and to develop a cohesive body of work that comments on commercial jewelry.

Department of Dance

SARA HOOK, Associate Professor

Second semester 2006-07, full pay

To begin work on a book tentatively entitled, *Nudging the Muses, Moving Toward Synthesis in Approach to Teaching Choreography*, an outgrowth of the graduate level course, History and Theory of Composition Methodologies.

School of Music

CHESTER L. ALWES, Associate Professor

Second semester 2006-07, full pay

To resume research on a monograph on the "Choral Music of Benjamin Britten" and to travel in support of the 2007 publication of a book entitled, *A History of Western Choral Music*.

JAMES F. KEENE, Professor

January 16, 2007, through July 15, 2007, full pay

To collect, to edit, and to prepare for public/international release, recordings of the University of Illinois Symphony performances of several band works of Percy Grainger, to be produced in multiple CD "collectors issue" format that would include extensive program notes, annotated bibliography, etc.; and additional Grainger performance materials and reference data will be added to the collection, as well as edited recordings.

SCOTT ALAN WYATT, Professor

Second semester 2006-07, full pay

To study three-dimension audio imaging for multi-channel digital audio, and to compose a major electroacoustic music composition that utilizes these techniques.

Department of Theatre

KATHY ANNE PERKINS, Professor

Second semester 2006-07, full pay

To complete work on a forthcoming anthology on African women playwrights, under consideration with University of Illinois Press, as well as to master new technologies that will benefit lighting design students.

GRADUATE SCHOOL OF LIBRARY AND INFORMATION SCIENCE

J. STEPHEN DOWNIE, Associate Professor

Academic year 2006-07, one-half pay

To advance the development of sophisticated data mining tools for the use of “non-scientist” researchers and students in the humanities, arts, and social sciences.

LESLIE G. GASSER, Associate Professor

Second semester 2006-07 and first semester 2007-08, two-thirds pay

To complete a book that synthesizes research on dynamic models of collective knowledge in human social organizations and distributed information systems.

TERRY WEECH, Associate Professor

Second semester 2006-07, full pay

To study competencies for librarians working with digital libraries embedded in the course content in selected United States and European Library and Information Science education programs.

COLLEGE OF LAW

ERIC T. FREYFOGLE, Professor

Second semester 2006-07, full pay

To complete work on an academic book manuscript relating private property and liberty in the United States.

THOMAS B. GINSBURG, Professor

Second semester 2006-07, full pay

To complete a book project on law and economic development with Professor Tom Ulen; to complete the creation of a dataset on comparative constitutions with Professor Zachary Elkins; and to complete a manuscript on comparative law.

NINA W. TARR, Professor

Academic year 2006-07, two-thirds pay

To research and to produce scholarship on the intersection of domestic violence and employment law from a comparative and interdisciplinary approach.

## COLLEGE OF LIBERAL ARTS AND SCIENCES

### Department of Anthropology

PAUL A. GARBER, Professor

First semester 2006-07, full pay

To conduct field research on the behavior, cognition, and ecology of nonhuman primates in South America.

ALMA J. GOTTLIEB, Professor

First semester 2006-07, full pay

To inaugurate research among Cape Verdean immigrants in Lisbon, and to revise *Parallels Worlds: An Anthropologist and a Writer Encounter Africa*, for a revised edition.

MARTIN FAJARDO MANALANSAN, Associate Professor

First semester 2006-07, full pay

To finish the complete book manuscript on the politics and culture of gay men and lesbians of color (Asian American, Latina/o, African American).

OLGA SOFFER, Professor

First semester 2006-07, full pay

To study European Upper Paleolithic figurines and figurine fragments to investigate extant ideologies about age and embodiment.

### Department of Astronomy

CHARLES FORBES GAMMIE, Professor

Academic year 2006-07, one-half pay

To write a monograph on astrophysical fluid dynamics, and to refresh store of research ideas at a major center for astrophysical research.



JOSEPH JOHN MOHR, Associate Professor

Academic year 2006-07, one-half pay

To research observational and theoretical studies of cosmological structure formation and the accelerating expansion of the universe.

Department of Atmospheric Sciences

LARRY DI GIROLAMO, Associate Professor

First semester 2006-07, full pay

To develop a textbook on satellite remote sensing at the advanced undergraduate and beginning graduate level.

School of Chemical Sciences

Department of Chemistry

ANDRZEJ WIECKOWSKI, Professor

First semester 2006-07, full pay

To acquire new experimental field of high-resolution synchrotron x-ray spectroscopy (XPS) to study catalytic bimetallic surfaces for fuel cells at enhanced electronic levels, collaborating with Professor Wolfram Jaegermann, Darmstadt, Germany.

Department of the Classics

DAVID SANSONE, Professor

Academic year 2006-07, two-thirds pay

To complete research on and to write a monograph concerning the way in which defendants in trials in ancient Greece turn the accusation against their accuser.

Program in Comparative and World Literature

NANCY BLAKE, Professor

First semester 2006-07, full pay

To complete a scholarly book on the structure of perversion as illustrated by recent film, fiction, and visual arts from a comparative and global perspective.

Department of Economics

IN-KOO CHO, Professor

Academic year 2006-07, two-thirds pay

To conduct research in order to build a new framework for learning algorithms that can be applied to a broad class of economic problems.

FIROUZ GAHVARI, Professor

Academic year 2006-07, two-thirds pay

To complete research and to write articles on the design on pay-as-you-go social security systems with endogenous fertility, and differential tax treatment of individuals, couples, and families with children.

STEPHEN LAWRENCE PARENTE, Associate Professor

Second semester 2006-07, full pay

To continue research on the wealth and poverty of nations, and to complete an undergraduate macroeconomic textbook.

### Department of English

PHILIP GRAHAM, Professor

First semester 2006-07, full pay

To complete a backlog of several ongoing writing projects in fiction and creative non-fiction while studying Portuguese in Lisbon, Portugal.

PETER LESLIE MORTENSEN, Associate Professor

Second semester 2006-07, full pay

To finish researching and writing a book that analyzes how illiteracy was characterized in American literary, journalistic, and academic prose published during the Progressive Era.

JULIA FRANCES SAVILLE, Associate Professor

First semester 2006-07, full pay

To complete research and writing of an introduction to a second book, and to travel to British Library (London), Yale Center for British Art, and Beinecke Special Collection.

### Division of English as an International Language

IRENE ANN KOSHIK, Associate Professor

Second semester 2006-07, full pay

To complete research and to write a series of articles on cross-cultural differences in the treatment of written errors in one-on-one second language writing conferences.

NUMA P. MARKEE, Associate Professor

First semester 2006-07, full pay

To transcribe and to analyze video data for conversation analytic research; anticipated products include drafting a book-length manuscript and submitting two to three articles to refereed journals.

Department of French

PETER SCOTT GOLATO, Associate Professor

Second semester 2006-07, full pay

To collect data at the University of Texas at Austin and the University of Oregon, and to prepare a write-up of findings to serve as a basis of the next book project.

Department of Geography

BRUCE M. HANNON, Professor

Second semester 2006-07, full pay

To assist in the development of special projects in the LEAM project, the modeling of urban development under various scenarios.

Department of Geology

WANG-PING CHEN, Professor

Second semester 2006-07, full pay

To conduct research regarding earthquakes and active mountain building in zones of continental collision.

THOMAS MARTIN JOHNSON, Associate Professor

First semester 2006-07, full pay

To learn and to refine methods for measuring stable isotope measurements of mercury and cadmium, for use in environmental geochemistry.

Department of Germanic Languages and Literatures

ANDREA GOLATO, Associate Professor

Second semester 2006-07, full pay

To study the function of German response tokens, i.e., variants of ja/yes, oh ja/oh yes, etc., and their American English equivalents in conversation.

Department of History

JEAN MARIE ALLMAN, Professor

Second semester 2006-07, full pay

To resume research both here and in Ghana on a project entitled, "Nation Times"; to draft two chapters; and to develop proposals for external funding of the final portions of the project.

JAMES R. BARRETT, Professor

Second semester 2006-07, full pay

To complete the draft of a book dealing with the role of Irish Americans in the acculturation of later immigrants in the midst of the massive immigration of “New Immigrants” from Europe, Mexican migrants, and “New Negro” migrants from the Deep South.

KENNETH M. CUNO, Associate Professor

First semester 2006-07, full pay

To complete the research and writing of a book entitled, *Families in Transition: Egypt in the Long Nineteenth Century*.

CAROLINE M. HIBBARD, Associate Professor

First semester 2006-07, two-thirds pay

To complete writing a monograph on the court and household of Queen Henrietta Maria of England, 1625-1642.

KRISTIN LEE HOGANSON, Associate Professor

Academic year 2006-07, one-half pay

To research a third book entitled, *Prairie Cosmopolis: World History and the American Heartland*, at Princeton University, the National Archives, and the Hagley Library.

NILS P. JACOBSEN, Associate Professor

First semester 2006-07, full pay

To advance a book manuscript entitled, *Peru in Revolution: The Civil War of 1894-95 and the Origins of the Nation's Modern Political Culture*.

LESLIE J. REAGAN, Associate Professor

Second semester 2006-07, full pay

To complete the revision and writing of a book entitled, *Unexpected: Miscarriages and Birth Defects in Twentieth-Century America*, under contract with the University of California Press.

DAVID R. ROEDIGER, Professor

First semester 2006-07, full pay

To complete the writing of a book entitled, *Race Making Nation: A U.S. History*, under contract at Oxford University Press, and to complete an American Historical Review article on the history of East Saint Louis.

School of Integrative BiologyDepartment of Plant Biology

FENG SHENG HU, Associate Professor

Academic year 2006-07, one-half pay

To broaden scientific horizon by gaining exposure to new perspectives and techniques that would open new avenues for research and teaching by spending time in two laboratories working at the forefronts of molecular genetics and compound-specific geochemistry in Europe and Australia; emerging technologies in these areas have the potential to revolutionize paleoenvironmental studies to integrate into research programs.

Department of Linguistics

RAKESH MOHAN BHATT, Associate Professor

Second semester 2006-07, full pay

To complete research and to finish writing a monograph on the dying linguistic heritage of Kashmiris in Diaspora.

Department of Mathematics

STEPHANIE ALEXANDER, Professor

Second semester 2006-07, two-thirds pay

To study comparison geometry based on curvature bounds.

IWAN M. DUURSMA, Associate Professor

First semester 2006-07, full pay

To consult colleagues in the areas of algebraic number theory and arithmetic geometry, and to attend parts of the semester-long program, "Securing Cyberspace" at the IPAM Institute, University of California-Los Angeles.

C. WARD HENSON, Professor

First semester 2006-07, full pay

To complete several research projects on model theory of metric structures, and to work with collaborators on a book treating the new continuous first order logic.

MARIUS JUNGE, Associate Professor

Second semester 2006-07, full pay

To complete memoirs on recent progress on quantum probabilistic methods in quantum spaces in joint work with researchers from Besancon, France, and Madrid, Spain.

JOSEPH B. MILES, Professor

Second semester 2006-07, full pay

To conduct research in value distribution theory, an area of specialization within classical complex analysis.

BRUCE A. REZNICK, Professor

First semester 2006-07, one-half pay

To conduct mathematical research, to write a monograph, to finish several long papers, and to attend two week-long research programs.

JANG-MEI GLORIA WU, Professor

First semester 2006-07, one-half pay

To concentrate full-time on research in nonlinear partial differential equations, geometric function theory, and analysis on fractals.

#### School of Molecular and Cellular Biology

##### Department of Biochemistry

STEPHEN G. SLIGAR, Professor

Academic year 2006-07, two-thirds pay

To learn the fundamental biologics of HIV virus particle recognition, and to develop means for single-molecule detection of receptor interactions and in vivo imaging at Northwestern University.

##### Department of Microbiology

WILLIAM W. METCALF, Associate Professor

Academic year 2006-07, two-thirds pay

To develop new molecular and genetic strategies for discovery and exploitation of antibiotic producing microorganisms.

#### Department of Molecular and Integrative Physiology

ALBERT S. FENG, Professor

Second semester 2006-07, full pay

To collaborate with colleagues at the University of California-Los Angeles and the Chinese Academy of Science, to pursue a research project, to digest recent advances in regenerative medicine and biotechnologies, to prepare new grant applications, and to upgrade web-based lecture notes for MCB 402.

RHANOR GILLETTE, Professor  
Second semester 2006-07, full pay

To conduct research and to write at marine biological stations affording appropriate facilities, unavailable in Illinois, for investigations of brain and behavior in marine animal model systems.

KURT KWAST, Associate Professor  
Academic year 2006-07, two-thirds pay

To develop novel bioinformatic approaches for recovering gene network structure, and to conduct physiological studies on the signaling events that elicit the environmental stress response.

#### Department of Political Science

WILLIAM T. BERNHARD, Associate Professor  
First semester 2006-07, full pay

To explain cross-national variations in women's representation by focusing on how political parties manage the nomination and career paths of women politicians.

MELISSA A. ORLIE, Associate Professor  
First semester 2006-07, full pay

To complete a book manuscript that explores arguments behind and examples of a new citizen politics in response to economic globalization.

ROBERT DAVID PAHRE, Associate Professor  
First semester 2006-07, full pay

To conduct fieldwork and in-depth studies, and to attend a professional conference in the field of wildlife and wilderness management which examines United States-Canadian cooperation in this area.

#### Department of Psychology

GARY S. DELL, Professor  
First semester 2006-07, full pay

To learn about how the locations of brain lesions are determined in order to be able to relate aphasic lesions to a model of aphasic behavior.

EDWARD F. DIENER, Professor  
First semester 2006-07, full pay

To examine and to justify the application of national indicators of well-being to policy debates, and to write papers about the design of these indicators.

LOUISE F. FITZGERALD, Professor

First semester 2006-07, one-half pay

To complete data collection and manuscript production on a longitudinal research project on recovery from sexual harassment.

SUSAN M. GARNSEY, Associate Professor

Academic year 2006-07, one-half pay

To extend work comparing language processing in speakers of different languages, in part by visiting and conducting research at institutions in Japan and Taiwan.

SUMIE OKAZAKI, Associate Professor

Academic year 2006-07, one-half pay

To complete a co-authored book manuscript on the ethnography of immigrant Korean American families, and to increase knowledge of sociocultural anthropology theories and methods.

DANIEL J. SIMONS, Associate Professor

First semester 2006-07, two-thirds pay

To work on a book, to acquire additional computer programming skills, to prepare a course, and to develop a grant proposal.

#### Program for the Study of Religion

RV PANDHARIPANDE, Professor

First semester 2006-07, full pay

To examine the role of Hindu mystics and saints in the reinterpretation, transformation, and authentication of the “transplanted” Hindu tradition in the United States.

#### Department of Slavic Languages and Literatures

HARRIET LISA MURAV, Professor

First semester 2006-07, two-thirds pay

To complete research and to write a book on the 20<sup>th</sup> Century Russian-Jewish and Soviet-Yiddish literature.

#### Department of Sociology

JAN P. NEDERVEEN PIETERSE, Professor

First semester 2006-07, two-thirds pay

To tour Asian countries as part of research on globalization and the rise of Asia and new modernities in the making, which will include Pakistan, Thailand, China, Japan, as well as others.



Department of Spanish, Italian and Portuguese

SILVINA ANDREA MONTRUL, Associate Professor

First semester 2006-07, full pay

To complete research and to finish a book manuscript on second language acquisition and bilingualism.

JOHN C. WILCOX, Professor

First semester 2006-07, full pay

To conduct research and writing in Spanish libraries on women playwrights of 20<sup>th</sup> Century Spanish.

Department of Speech Communication

SCOTT ALTHAUS, Associate Professor

Second semester 2006-07, full pay

To complete a book manuscript on the ability of governments to engineer public support of war.

JOHN PATRICK CAUGHLIN, Associate Professor

Second semester 2006-07, full pay

To write a monograph describing emerging theoretical framework, which concerns the conditions under which avoiding communication is more or less useful.

CARA ANNE FINNEGAN, Associate Professor

Academic year 2006-07, one-half pay

To complete a book project entitled, *Image Vernaculars: Rhetorics of Photography in American Public Culture*.

STEPHEN JOHN HARTNETT, Associate Professor

First semester 2006-07, full pay

To complete Volume Two of *Executing Democracy: Arguing About Capital Punishment in America*, a rhetorical history of how crime and violence have shaped American history.

PEGGY J. MILLER, Professor

Academic year 2006-07, one-half pay

To write a book about findings in a study of parents' beliefs and practices pertaining to childrearing and self-esteem.

Department of Statistics

XUMING HE, Professor

First semester 2006-07, full pay

To acquire additional knowledge at the interface between statistics and genomics, and to initiate research on high-dimensional data.

## SCHOOL OF SOCIAL WORK

MARK F. TESTA, Associate Professor

August 16, 2006, through February 15, 2007, full pay

To complete research and to write a monograph on the implications of the shift from foster care to adoption and guardianship of abused and neglected children.

## UNIVERSITY LIBRARY

KATHLEEN M. KLUEGEL, Associate Professor

November 16, 2006, through May 15, 2007, full pay

To conduct research on the issues of the changing role of humanities reference in academic libraries.

MARY MALLORY, Associate Professor

August 16, 2006, through May 15, 2007, full pay

To investigate the development of United States Government Depository Libraries within the six CIC land-grant institutions which became Federal Depositories by law in 1907.

DIANE C. SCHMIDT, Associate Professor

October 16, 2006, through April 15, 2007, full pay

To locate field guides identifying plants and animals to update the Web sites, "A Guide to Field Guides and International Field Guides."

SUSAN ELLIS SEARING, Associate Professor

August 16, 2006, through May 15, 2007, full pay

To co-edit a thematic journal issue; to research and to write an article for it; to co-author the introductory essay; and to launch a digital library development project.

MAREK SROKA, Associate Professor

August 16, 2006, through May 15, 2007, full pay

To start work on a book about the history of Polish libraries, covering a time period from the Middle Ages to the 21<sup>st</sup> Century.

## COLLEGE OF VETERINARY MEDICINE

### Department of Veterinary Biosciences

REX A. HESS, Professor

August 16, 2006, through May 15, 2007, full pay

To study stem cell biology, to learn new associated technologies, and to help to establish a research program in stem cells, as well as a new graduate course.

### Department of Veterinary Pathobiology

WANDA M. HASCHEK-HOCK, Professor

August 16, 2006, through November 15, 2006, full pay

To complete the revision of the text book entitled, *Fundamentals of Toxicologic Pathology*, which is used in graduate teaching.

PHILIP F. SOLTER, Associate Professor

Second semester 2006-07, full pay

To test the validity of new biomarkers of heart failure in relevant models of cardiotoxicity.

ERIC R. VIMR, Professor

August 16, 2006, through December 31, 2006, and August 16, 2007, through December 31, 2007, full pay

To develop a new NIH proposal, to redesign Discovery Course Path 190a, and to devote full-time effort to research in support of these activities.

<b>Sabbaticals 2005-06 and 2006-07 Summary / Comparison</b>			
Campus	2005-06 Approved 1	2005-06 Taken2	2006-07 Requested3
Chicago Campus Total	60	49	66
Springfield Campus Total	14	14	5
Urbana-Champaign Campus Total	149	128	137
University Administration Total	1	1	0
Grand Total Three Campuses and UA	224	192	208

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1The 2005-06 *approved* figures reflect sabbatical leaves approved by the Board of Trustees on March 10, 2005, May 19, 2005, and July 14, 2005.

2These figures indicate the number of leaves actually *taken*. The difference between the number of leaves *approved* and the number of leaves *taken* is the result of withdrawals and cancellations at the request of the staff member concerned.

3These figures represent the number of sabbatical leaves requested for approval in this item, April 11, 2006.