

Board Meeting
March 13, 2007

SABBATICAL LEAVES OF ABSENCE, 2007-08

Action: Approve Sabbatical Leave Requests

Funding: No 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 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 concurs.

CHICAGO

COLLEGE OF ARCHITECTURE AND THE ARTS

School of Architecture

ROBERTA M. FELDMAN, Professor

Academic year 2007-08, one-half pay

To complete research and to write a book on the meaning of home in America's mobile society and to examine its relationship to housing and neighborhood design.

XAVIER VENDRELL, Professor

Second semester 2007-08, full pay

To complete a monograph of architectural work focusing on the interaction of the architect, client, and user, related to the ongoing and evolving lives of buildings following their completion and habitation.

Department of Art History

VIRGINIA E. MILLER, Associate Professor

First semester 2007-08, full pay

To finish a book on the art and architecture of Chichen Itza, Yucatan, Mexico. This work will bring together the latest scholarship in multiple disciplines on Chichen Itza, and develop a synthetic proposal regarding its distinctive plan, buildings, and art.

COLLEGE OF BUSINESS ADMINISTRATION

Department of Accounting

JAMES L. CHAN, Professor

Second semester 2007-08, full pay

To conduct a comparative historical analysis of the development of legal and institutional foundations of government accounting in the United States and China.

Department of Economics

WILLIAM G. STANFORD, Associate Professor

Second semester 2007-08, full pay

To conduct research comparing leader outcomes to those of followers in finite sequential-move games. In particular, the intermediate cases between zero-sum and identical-preference games will be characterized as they are relevant to economics, political science, and biology.

Department of Finance

SANKARSHAN ACHARYA, Associate Professor

First semester 2007-08, two-thirds pay

To study the fundamental factors that determine financial prosperity and to compare degrees of financial prosperity across democracies like India and the USA with that of a rising non-democratic nation like China.

RE-JIN JENNIFER GUO, Associate Professor

Second semester 2007-08, full pay

To continue research work on entrepreneurial firms and to investigate the determinants of successful alliance agreements between emerging biotech firms and strategic partners.

Department of Information and Decision Sciences

RONG CHEN, Professor

Academic year 2007-08, two-thirds pay

To focus on developing the sequential Monte Carlo methods, applying it to important applications such as wireless communications, bioinformatics, and financial time series analysis.

COLLEGE OF EDUCATION

STACEY S. HORN, Associate Professor

Second semester 2007-08, full pay

To investigate relationships among adolescent person perceptions, understanding group norms, conventions and reasoning about intergroup interactions and peer harassment.

MARIE TEJERO HUGHES, Associate Professor

Second semester 2007-08, full pay

To conduct a research study, focusing on developing a professional development model designed to understand how mentoring and collaborating with novice special educators can prepare them for the realities of teaching.

LENA LICON KHISTY, Associate Professor

Second semester 2007-08, full pay

To continue analysis of a major data set from the UIC Center for the Mathematics Education of Latinos and to develop manuscripts on this work in order to address a significant area of national concern.

CHRISTINE C. PAPPAS, Professor

Second semester 2007-08, full pay

To complete research and to write of findings of a NSF-sponsored study on teaching and learning of integrated science-literacy enactments in urban classrooms.

WILLIAM H. SCHUBERT, Professor

First semester 2007-08, 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.

THERESA A. THORKILDSEN, Professor

Academic year 2007-08, two-thirds pay; or second semester 2007-08, full pay

To write a full book manuscript outlining the development of how students' moral and academic engagement affects their motivation and their success in different career pathways.

COLLEGE OF ENGINEERING

Department of Bioengineering

JOHN R. HETLING, Associate Professor

First semester 2007-08, full pay

To complete a textbook, *Hybrid Neural Systems*, in the area of Neural Engineering, a discipline at the interface of living and non-living systems (e.g., neural prosthesis to treat blindness).

CHRISTOS G. TAKOUDIS, Professor

Second semester 2007-08, full pay

To promote and to expand research horizons and collaborations in new micro- and nano-future electronic material systems of fundamental importance to novel biomedical applications and nanotechnologies.

Department of Civil and Materials Engineering

E.J. ERNESTO INDACOCHEA, Professor

Academic year 2007-08, 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

UGO A. BUY, Associate Professor

Academic year 2007-08, two-thirds pay

To investigate supervisory control of manufacturing systems and to launch a project applying supervisory control methods in the development of concurrent and real-time software systems.

ISABEL CRUZ, Associate Professor

First semester 2007-08, full pay

To develop novel technologies for the next generation of the Web and desktop applications, including semantic personal information management, ontology mapping, and data integration.

BARBARA DI EUGENIO, Associate Professor

Academic year 2007-08, two-thirds pay

To collaborate with researchers on two topics in Natural Language Processing: 1) referring expression resolution and generation, and, 2) coefficients of inter-coder reliability.

Department of Electrical and Computer Engineering

SHARADBABU LAXPATI, Associate Professor

Academic year 2007-08, two-thirds pay; or second semester 2007-08, full pay

To conduct research and development of antenna systems for application in aerospace and to develop an undergraduate/graduate level course in Transient Electromagnetics.

MILOS ZEFRAN, Associate Professor

Academic year 2007-08, two-thirds pay

To conduct joint research at the Interdepartmental Research Center "E. Piaggio," University of Pisa, in the areas of haptics and distributed control of groups of autonomous robots.

JANE ADDAMS COLLEGE OF SOCIAL WORK

LARRY W. BENNETT, Associate Professor

Second semester 2007-08, full pay

To conduct statistical analysis on the role of social class and welfare dependence as variables linking substance abuse and intimate partner violence.

ALICE K. BUTTERFIELD, Professor

Academic year 2007-08, one-half pay

To develop a model for international higher education partnerships, built upon the idea that universities in the U.S. can engage in cooperative partnerships with institutions in developing countries.

AIDA L. GIACHELLO, Associate Professor

Academic year 2007-08, one-half pay

To focus on health and human services reform in Latin American countries and the implications to the Chicago Latino communities.

COLLEGE OF LIBERAL ARTS AND SCIENCES

Department of Anthropology

MARK F. LIECHTY, Associate Professor

First semester 2007-08, full pay

To conduct historical/ethnographic interviews in Kathmandu in order to complete a research project on the history of tourism in Nepal, 1950-1980.

ANNA C. ROOSEVELT, Professor

Second semester 2007-08 and first semester 2008-09, two-thirds pay

To write a scientific book, *Amazonia: A Dynamic Human Habitat, Past, Present and Future*; synthesizing and interpreting environmental field and lab research on the evolution and human occupation of the Amazon rain forest.

Department of Biological Sciences

HOWARD E. BUHSE, Professor

First semester 2007-08, full pay

To learn the technology associated with micro-array analysis and to apply this knowledge to understanding cell differentiation in the protozoan, *Tetrahymena vorax*.

Department of Chemistry

WONHWA CHO, Professor

First semester 2007-08, full pay

To learn and to apply the state-of-the-art technology of single molecular spectroscopy of cells, potentially leading to the development of new strategies to combat human diseases caused by regulatory dysfunction of cells.

Department of Classics and Mediterranean Studies

JOHN VAIO, Professor

Second semester 2007-08, full pay

To prepare a new edition of a collection of Aesopic fables in Greek known as the *Bodleian Paraphrase of Babrius* and to enhance skills for teaching Greek to advanced students.

Department of Criminal Justice

MINDIE LAZARUS-BLACK, Professor

First semester 2007-08, full pay

To research international legal education developed in the Caribbean, programs in global legal studies available in the U.S., and careers of lawyers who cross borders.

DENNIS P. ROSENBAUM, Professor

Second semester 2007-08, full pay

To further the development of a Web-based system of police accountability with potential applicability to cities worldwide.

LAURIE SCHAFFNER, Associate Professor

First semester 2007-08, full pay

To conduct a study of the social construction of the moral panic surrounding the sexual trafficking of minors in Chicago, Illinois.

Department of English

JENNIFER ASHTON, Associate Professor

Academic year 2007-08, one-half pay

To work on a book manuscript, *Sincerity and the Second Person: Theories of Self-Expression in American Poetry, 1903-2003*.

THOMAS HOWARD BESTUL, Professor

Second semester 2007-08, full pay

To complete an edition of the Commentary on the Book of Proverbs by Alexander Nequam (d. 1217), with English translation.

ANN MERLE FELDMAN, Associate Professor

Second semester 2007-08, full pay

To develop a conceptual basis for the argument against reflection essay writing and the move toward participation writing.

CHRISTIAN K. MESSENGER, Professor

Second semester 2007-08, full pay

To complete a book-length manuscript of literary criticism entitled *F. Scott Fitzgerald and Sentiment: An Analysis of Tender is the Night*.

LUIS A. URREA, Professor

First semester 2007-08, full pay

To complete research and writing of the sequel to the historical novel, *The Hummingbird's Daughter*, and to begin work on film adaptation and a second contracted book.

Department of Germanic Studies

HELGA W. KRAFT, Professor

Academic year 2007-08, two-thirds pay

To conduct final research in Germany and to complete a book project: *Staging Racism and Xenophobia: Modern German Theater and National Identity*.

ROBERT R. WILLIAMS, Professor

Academic year 2007-08, one-half pay

To revise and to edit lectures on *Recognition, Tragic Conflict and the Death of God: Studies in Hegel and Nietzsche* presented at the University of Sydney, Australia, and University of Jyvaskala, Finland, and to transform them into monographs for publication.

Department of History

CHRISTOPHER R. BOYER, Associate Professor

Second semester 2007-08, full pay

To complete a book on the temperate forests of Mexico examining the environmental and economic history from the perspective of state planners and development and from the perspective of the peasant communities.

LAURA E. HOSTETLER, Associate Professor

First semester 2007-08, one-half pay

To complete a draft translation of the Qing Imperial Illustrations of Tributary Peoples, an eighteenth century ethnographic text regarding imperial China's foreign relations.

KIRK A. HOPPE, Associate Professor
Academic year 2007-08, two-thirds pay

To conduct oral and archival research for a book project on the twentieth century history of the defining, displaying, and viewing of African wildlife in East Africa, Europe, and the U.S.

SUSAN B. LEVINE, Professor
Second semester 2007-08, full pay

To advance research on the history of international food aid from the nineteenth century to contemporary food relief efforts in war zones like Afghanistan and Darfur.

DANIEL S. SMITH, Professor
First semester 2007-08, full pay

To examine the demographic history of early America and its impact on the economy, including the history of ideas about demography and the frontier.

Department of Latin American and Latino Studies

FRANCES APARICIO, Professor
First semester 2007-08, 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

ALEXANDER FURMAN, Associate Professor
Academic year 2007-08, two-thirds pay

To conduct research and to collaborate with peers at Hebrew University and Princeton University on the phenomena of rigidity in Ergodic Theory and Group Theory.

SHMUEL FRIEDLAND, Professor
Academic year 2007-08 one-half pay

To complete a graduate level book, *Matrices*, and with a departmental colleague, Professor Uri Peled, complete fundamental joint work on theoretical and computational aspects of the multidimensional entropy of Ising and Potts models in statistical mechanics.

CHARLES KNESSL, Professor
Second semester 2007-08, full pay

To carry out research in applied mathematics, dealing with problems from telecommunications network and algorithm analysis.

DIBYEN MAJUMDAR, Professor

Second semester 2007-08, full pay

To develop theory and methodology for statistical design of experiments and to develop designs that perform well in diverse experimental conditions and are robust to changes in the initial design parameters.

PETER BROCK SHALEN, Professor

First semester 2007-08, two-thirds pay

To collaborate with other mathematicians on the interaction between qualitative and quantitative properties of a geometric object at the Mathematical Sciences Research Institute at Berkeley.

KEVIN M. WHYTE, Associate Professor

First semester 2007-08, full pay

To participate in the program on Geometric Group Theory at the Mathematical Sciences Research Institute at Berkeley.

Department of Philosophy

W.D. HART, Professor

First semester 2007-08, full pay

To write for Cambridge University Press a selective critical history of interactions between philosophy and logic, like the axiomatic method morphing into foundations of knowledge.

Department of Physics

CECILIA ELENA GERBER, Associate Professor

Academic year 2007-08, one-half pay

To complete work on a DZero collaboration project and to begin new research at CERN's Large Hadron Collider (LHC), which will achieve energy levels ten times greater than any accelerator that now exists.

DAVID JONATHAN HOFMAN, Associate Professor

Second semester 2007-08, full pay

To continue research at CERN's Large Hadron Collider (LHC) to gain fundamental information about the properties of matter in the unexplored realms of density and temperature.

Department of Psychology

DANIEL P. CERVONE, Professor

First semester 2007-08, full pay

To write a book, *The Architecture of Personality*, which will attack classic questions of personality psychology with a conceptual model that reflects contemporary advances in the psychological sciences.

EDISON J. TRICKETT, Professor

First semester 2007-08, full pay

To complete an invited chapter in the Annual Review of Psychology and to complete and submit a grant application to the National Institute of Mental Health on the study of community interventions designed to improve community health.

Department of Slavic and Baltic Languages and Literatures

VIOLETA K. KELERTAS, Associate Professor

Second semester 2007-08, full pay

To complete research and to write a monograph on the noted Lithuanian prose fiction writer Ricardas Gavelis (1950-2002).

Department of Sociology

RACHEL A. GORDON, Associate Professor

Academic year 2007-08, two-thirds pay

To focus on a new study of the child care market and parents care choice and to conduct secondary research to finalize external funding proposals in child care research.

Department of Spanish, French, Italian and Portuguese

CRISTIAN A. ROA-DE-LA-CARRERA, Associate Professor

Second semester 2007-08, full pay

To conduct research on indigenous “idolatry” of the Nahua culture, including colonial treatises on indigenous divination and idolatries, disciplinary records, and evangelization accounts to contextualize a reinterpretation of Fr. Bernardino de Sahagun’s *Florentine Codex*.

COLLEGE OF NURSING

Department of Public Health, Mental Health and Administrative Nursing

TONDA L. HUGHES, Professor

Second semester 2007-08, full pay

To build and enhance collaborative relationships with scientists in the United States and Australia whose work focuses on minority women's health, especially mental health and substance abuse.

COLLEGE OF PHARMACY

Department of Medicinal Chemistry and Pharmacognosy

SYLVIE Y. BLOND, Associate Professor

Academic year 2007-08, two-thirds pay

To research the identification of new biomarkers for cellular senescence, aging, and cancer and to use the data to prepare relevant grant proposals in response to new NIH initiatives on aging.

MICHAEL E. JOHNSON, Professor

Academic year 2007-08, two-thirds pay

To focus on research efforts in protein structural studies for bio-defense antibiotic discovery and to address the general medical problem of developing antibiotic resistance.

Department of Pharmacy Administration

SURREY M. WALTON, Associate Professor

Second semester 2007-08, full pay

To complete projects regarding the labor market for pharmacists and to develop strategies for improving awareness regarding data collection and funding related to health workforce research.

SCHOOL OF PUBLIC HEALTH

Division of Community Health Sciences

FREDERICK J. KVIZ, Professor

August 16, 2007, through May 15, 2008, full pay

To complete and to publish a textbook on research methods in community health tentatively titled, *Conducting Community Health Research: Principles, Process, and Methods*, contracted by Jones and Bartlett Publishers, Boston, MA.

Division of Epidemiology and Biostatistics

HUA YUN CHEN, Associate Professor

Academic year 2007-08, two-thirds pay

To work on statistical methodology development for analysis of data from cancer and HIV/AIDS studies and to develop a focus on statistical analysis of genetic association studies.

COLLEGE OF URBAN PLANNING AND PUBLIC AFFAIRS

Urban Planning and Policy Program

JANET L. SMITH, Associate Professor

Second semester 2007-08, full pay

To study the effects of privatizing social housing in the United States, the United Kingdom, and Germany and to study shifts in accountability and control with a potential focus on economic gains rather than social goals.

SPRINGFIELD

COLLEGE OF BUSINESS AND MANAGEMENT

Department of Management Information Systems

JAMES PATRICK HALL, Associate Professor

First semester 2007-08, full pay

To investigate the application of spatial information technologies to the development of government agency decision support products focusing on transportation safety analysis.

COLLEGE OF LIBERAL ARTS AND SCIENCES

Biology Program

LUCIA VAZQUEZ, Assistant Professor

First semester 2007-08, full pay

To examine the biodiversity of Mexican red oak species and to write a monograph including these species.

Communication Program

HAZEL ROZEMA, Associate Professor

Second semester 2007-08, full pay

To update research in effective stepfamily communication and to create a series of videotapes documenting the experience of African-American and Asian-American families in the United States.

Computer Science Program

KEITH W. MILLER, Professor

Second semester 2007-08, full pay

To revise a textbook on computer ethics, to develop computer ethics teaching materials, and to submit an NSF grant proposal.

History Program

ROBERT MCGREGOR, Professor

First semester 2007-08, full pay

To research the development of Henry David Thoreau's "Walden" manuscript to determine the extent of influence of serious nature study on the finished product.

Sociology/Anthropology Program

LYNN ELLEN FISHER, Associate Professor

First semester 2007-08, full pay

To investigate mobility and economic linkages between settled lowland valleys and environmentally contrasting uplands in Neolithic southwest Germany.

COLLEGE OF PUBLIC AFFAIRS AND ADMINISTRATION

Department of Public Administration

BEVERLY BUNCH, Associate Professor

Second semester 2007-08, full pay

To conduct research and to prepare an article on the use of public-private partnerships to address public infrastructure needs.

LIBRARY ADMINISTRATION

DENISE D. GREEN, Associate Professor

Second semester 2007-08, full pay

To study digital library search and retrieval technology, especially as it relates to Illinois academic libraries.

URBANA-CHAMPAIGN

COLLEGE OF AGRICULTURAL, CONSUMER AND ENVIRONMENTAL
SCIENCES

Department of Agricultural and Consumer Economics

MARGARET R. GROSSMAN, Professor

Second semester 2007-08, full pay

To conduct comparative research on agricultural law and food safety in Denmark and the United Kingdom.

ANDREW MARK ISSERMAN, Professor

Academic year 2007-08, two-thirds pay

To research regional economic development policies and their analytical foundations; to strengthen computing skills; to develop a graduate methods course; and to start a monograph.

BRUCE J. SHERRICK, Professor

First semester 2007-08, full pay

To study the design and implementation of economic capital models in agricultural finance institutions.

Department of Animal Sciences

RODERICK IAN MACKIE, Professor

First semester 2007-08, full pay

To participate in metagenomics research and to experience cutting edge approaches and tools required to understand the complex relationship with our resident microbiota and their role in health and disease.

Department of Crop Sciences

GERMAN A. BOLLERO, Associate Professor

Second semester 2007-08, full pay

To collaborate with the National Institute of Agriculture Research in modeling nitrogen fluxes in long-term crop rotation studies in Argentina.

Department of Food Science and Human Nutrition

NICKI JENE ENGESETH, Associate Professor

First semester 2007-08, full pay

To develop expertise in analysis of bioactive food components and to discover novel natural sources of potential antioxidants that have implications in food quality and human health.

WILLIAM G. HELFERICH, Professor

Second semester 2007-08, full pay

To gain knowledge in the use of dietary estrogens from botanicals used in traditional Chinese medicine and to evaluate the potential benefits and risks associated with their usage.

ELIZABETH H. JEFFERY, Professor

Second semester 2007-08, two-thirds pay

To perform clinical studies on absorption of bioactives from vegetables.

SCOTT A. MORRIS, Associate Professor

Academic year 2007-08, two-thirds pay

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

SHELLY J. SCHMIDT, Professor

Academic year 2007-08, two-thirds pay

To develop visual instructional materials to explain and to enhance the teaching and learning of food chemistry.

Department of Human and Community Development

ANGELA R. WILEY, Associate Professor

First semester 2007-08, full pay

To learn to speak Spanish and to complete a collaborative research project with colleagues in Mexico that compares Mexican, Mexican immigrant, and United States non-Hispanic families.

Department of Natural Resources and Environmental Sciences

SCHUYLER S. KORBAN, Professor

First semester 2007-08, full pay

To participate in a Fulbright Distinguished Chair program at York University, Toronto, focusing on collaborative teaching and research activities.

MOSBAH M. KUSHAD, Associate Professor

Second semester 2007-08, full pay

To write a production guide on establishment, management, and post-harvest handling of temperate fruit trees for small- to medium-sized farms in the United States and in Jordan.

COLLEGE OF APPLIED HEALTH SCIENCESDepartment of Recreation, Sport and Tourism

MONIKA STODOLSKA, Associate Professor

First semester 2007-08, full pay

To develop a textbook to be used in the Leisure Services and Diversity (RST 230) course and similar courses.

COLLEGE OF BUSINESSDepartment of Business Administration

RAJSHREE AGARWAL-TRONETTI, Associate Professor

First semester 2007-08, full pay

To conduct research in entrepreneurship and knowledge management by using data from the United States Census.

RUTH AGUILERA VAQUES, Associate Professor

Academic year 2007-08, two-thirds pay

To complete ongoing work on Comparative Corporate Governance and to start new projects in this line of research.

RICHARD ENGELBRECHT-WIGGANS, Professor

First semester 2007-08, full pay

To finish several working papers on auctions and to investigate the effects of competition in supply chains and procurement.

Department of Finance

CHARLES M. KAHN, Professor

Academic year 2007-08, one-half pay

To write a book providing an overview of payments economics.

COLLEGE OF COMMUNICATIONS

Institute of Communications Research

SUSAN GRAY DAVIS, Professor

Second semester 2007-08, full pay

To complete primary research on Gershon Legman, folklorist (1917-1999), and to continue writing *An Uncensored Life*, a book about him.

NORMAN K. DENZIN, Professor

Second semester 2007-08, full pay

To complete a research monograph on Yellowstone National Park, the Lewis and Clark Expedition of 1804-06, and the historical and contemporary representations of Native Americans, women, tourists, artists, and scientists in the park, in the Lewis and Clark journals, and in contemporary popular culture.

ANGHARAD N. VALDIVIA, Professor

Academic year 2007-08, one-half pay

To complete two single authored books and to research public opinion and news coverage of President Michele Bachelet in Chile.

Department of Journalism

BRIAN K. JOHNSON, Associate Professor

First semester 2007-08, full pay

To continue a project merging analog and digital media; to integrate findings from this project on journalism methodologies into courses; and to research best practices using national exemplars in convergence journalism education.

JAY MARK ROSENSTEIN, Associate Professor

First semester 2007-08, full pay

To complete production on a high-profile television documentary intended for a national Public Broadcasting System broadcast entitled, *Never Ignored: The Story of AIM, the American Indian Movement*.

COLLEGE OF EDUCATION

Department of Curriculum and Instruction

DAVID E. BROWN, Associate Professor

Academic year 2007-08, two-thirds pay

To work on a project to create an online environment for conceptual learning in science that will effectively intertwine research and outreach in science education.

DANIEL JAMES WALSH, Associate Professor

Academic year 2007-08, two-thirds pay

To research the effects of cultural beliefs on teaching practice; and to complete two book projects: the first explores the implications of cultural psychology for teaching; and the second is a short introduction to a unified approach to research in education and the social sciences.

Department of Educational Policy Studies

CAMERON R. MCCARTHY, Professor

Second semester 2007-08, full pay

To complete two book projects on the impact of globalization and post-colonialism on educational policy and intellectual life.

YOON KYUNG PAK, Associate Professor

First semester 2007-08, full pay

To complete a manuscript project on the history of intercultural education in the public schools from the 1930s to the 1950s and to study race relations and education in the twentieth century.

WANDA SUE PILLOW, Associate Professor

Second semester 2007-08, full pay

To complete research and writing on a manuscript: *An Indian Woman and A Black Man: Multicultural Retellings of the Corps of Discovery* and to begin work on an edited volume: *Rethinking Educational Policy Studies*.

FAZAL RIZVI, Professor

First semester 2007-08, full pay

To investigate challenges facing higher education in India, including policy proposals for reform from external factors such as the Indian diaspora, intergovernmental organizations, and transnational corporations.

Department of Special Education

LISA ELLEN MONDA-AMAYA, Associate Professor

Second semester 2007-08, full pay

To write one research and one training grant proposal; to research strategies for increasing the success of students with disabilities in general classroom settings; and to strengthen the Chicago Public Schools program which prepares teachers to work with students in regard to challenging behavior.

JOHN S. TRACH, Associate Professor

Academic year 2007-08, one-half pay

To conduct research focused on access to community employment for people with disabilities, with an emphasis on investigating the service delivery system, examining attitudes towards disability and the self-reporting of the person with disabilities, and teaching to meet appropriate educational objectives.

COLLEGE OF ENGINEERING

Department of Aerospace Engineering

PETROS G. VOULGARIS, Professor

Second semester 2007-08, full pay

To research distributed and reconfigurable decision making algorithms for analysis, synthesis, and control of large scale, complex, and hierarchical systems.

Department of Civil and Environmental Engineering

JAMES MICHAEL LAFAVE, Associate Professor

Academic year 2007-08, two-thirds pay

To complete an experimental and analytical study of newly developed pile-to-deck connections for improved earthquake resistance of wharf structures at ports.

Department of Computer Science

JIawei HAN, Professor

Second semester 2007-08, full pay

To advance research in data mining and to explore industrial collaboration opportunities.

JOSE MESEGUER, Professor

Second semester 2007-08, one-half pay

To advance techniques in formal specification and verification of software across a wide range of languages and notations within a unified mathematical framework.

Department of Electrical and Computer Engineering

BRUCE HAJEK, Professor

Academic year 2007-08, one-half pay

To study and to research distributed mechanisms and feedback for large scale and/or stochastic systems.

SETH ANDREW HUTCHINSON, Professor

First semester 2007-08, full pay

To study planning and control of sensor-based multi-robot systems.

WEN-MEI W. HWU, Professor

Second semester 2007-08, full pay

To further research in compilation technology for massively parallel computing systems as related to medical imaging algorithms and computation models.

JIANMING JIN, Professor

Second semester 2007-08, full pay

To expand current development of highly efficient numerical methodologies into emerging research on photonic crystals; to engage in academic exchange among international colleagues; and to further collaboration with United States industry.

KYEKYOON KIM, Professor

Second semester 2007-08, full pay

To study biomedical technology; to investigate creating ordered nanostructures using charge injection; and to work with collaborating academic and industrial organizations.

DANIEL M. LIBERZON, Associate Professor

Second semester 2007-08, full pay

To explore emerging applications of recent research in hybrid nonlinear control to networked embedded systems and other fields.

STEVEN SAM LUMETTA, Associate Professor

Academic year 2007-08, two-thirds pay

To study leveraging the concurrent processing capabilities emerging in commercial computer chips in order to strengthen the ability to lead research in this area.

JANAK H. PATEL, Professor

Academic year 2007-08, two-thirds pay

To research testing for defects in new and upcoming nano-technologies for digital circuits and to develop courseware for undergraduate digital design courses.

NARESH R. SHANBHAG, Professor

First semester 2007-08, full pay

To expand research to encompass mixed-signal and radio frequency analog integrated circuit design and to develop collaborations with researchers in Asia.

GREGORY L. TIMP, Professor

First semester 2007-08, full pay

To develop new expertise in biological computing by designing, engineering, and synthesizing tissue consisting of genetically engineered bacteria, to produce a biological computer.

Department of Materials Science and Engineering

JIAN-MIN ZUO, Associate Professor

Second semester 2007-08, full pay

To develop an atomic resolution three-dimensional imaging technique of individual large molecules; activities during the leave will include studying the theory of 3-D imaging and developing experimental procedures using the new aberration-corrected electron microscope in the Materials Research Laboratory.

Department of Mechanical Science and Engineering

ANTHONY M. JACOBI, Professor

First semester 2007-08, full pay

To research modeling liquid-vapor equilibrium in collaboration with an experimentalist in China and to research two-phase flows in micro channels with a collaborator in Switzerland.

SHIV GOPAL KAPOOR, Professor

Academic year 2007-08, two-thirds pay

To research the emerging area of distributed manufacturing based on desktop manufacturing and to explore its application for manufacturing at the point-of-use.

ANDREAS A. POLYCARPOU, Associate Professor

Academic year 2007-08, two-thirds pay

To initiate and to conduct research in a new class of magnetic-mode oxide films at the University of Cyprus with a leading authority in this area.

DONALD SCOTT STEWART, Professor

Academic year 2007-08, two-thirds pay

To research modeling complexity and phase transformations in energetic explosive materials, energetic metal nitrides that generate nano-foams, and carbon sequestration; and to complete and to submit for publishing a book on detonation theory.

CHARLES L. TUCKER, Professor

Second semester 2007-08, full pay

To study and to research the mixing of fluids in laminar flow and the structure properties and processing of semi-crystalline polymers.

Department of Physics

ALEXEY BEZRYADIN, Associate Professor

First semester 2007-08, full pay

To study novel phenomena occurring in nanometer scale superconductors used to build quantum computers.

KARIN A. DAHMEN, Associate Professor

Academic year 2007-08, two-thirds pay

To research non equilibrium dynamical systems, and to conduct two workshops: "Biological Switches and Clocks" and "Physics of Climate Change."

EDUARDO H. FRADKIN, Professor
 Academic year 2007-08, two-thirds pay
 To research internationally the Theory of the Fractional Quantum Hall Effects, Topological Quantum Computing, and the Electronic Liquid Crystal Phases of Doped Mott Insulators.

NAOMI C.R. MAKINS, Associate Professor
 Academic year 2007-08, two-thirds pay
 To serve as Analysis Coordinator for the 160-member Hadron Electron Ring Accelerator Measurement of Spin (HERMES) Collaboration, which performs experimental measurements of proton substructure to further our understanding of Quantum Chromodynamics.

JON J. THALER, Professor
 Second semester 2007-08, full pay
 To design and to implement camera integration for two cosmology surveys incorporating telescopes in Chile.

COLLEGE OF FINE AND APPLIED ARTS

School of Architecture

MOHAMED BOUBEKRI, Associate Professor
 Second semester 2007-08, full pay
 To research architectural daylighting and human factors in order to write a book on this topic, as contracted by an international publisher.

RICHARD KARL STRAND, Associate Professor
 First semester 2007-08, full pay
 To develop passive cooling guidelines for use by architecture students and practicing architects who incorporate natural cooling methods in building designs.

School of Art and Design

ANNE D. HEDEMAN, Professor
 First semester 2007-08, full pay
 To complete research and to write a scholarly catalogue for an exhibition at the Getty Museum: Imagining the Past in France, 1250-1500.

OSCAR VÁZQUEZ, Associate Professor
 Academic year 2007-08, one-half pay
 To complete a book examining how concepts of degeneration/regeneration were related to representations of space in the pictorial arts of late nineteenth century Spain.

Department of Dance

REBECCA C. NETTL-FIOL, Associate Professor

First semester 2007-08, full pay

To complete research and to write a book with an accompanying DVD on the applications of the Alexander Technique and developmental movement to dance training.

CYNTHIA OLIVER, Associate Professor

Second semester 2007-08, full pay

To complete research and to write a book manuscript on the function of calypso dancing as a signifier of Caribbean identity in a transnational context.

Department of Landscape Architecture

D. FAIRCHILD RUGGLES, Associate Professor

Academic year 2007-08, one-half pay

To conduct research and to complete a book draft: *Matronage: Women, Identity and Islamic Architecture*.

School of Music

CHARLES REID ALEXANDER, Professor

Second semester 2007-08, full pay

To revise a text on intermediate piano literature for use in piano pedagogy curricula and to prepare multi-media presentations for course lectures.

DONNA A. BUCHANAN, Associate Professor

Academic year 2007-08, two-thirds pay

To complete research necessary for two articles on Bulgarian traditional music and to initiate research for a book on Bulgarian music and cosmology.

TIMOTHY J. EHLEN, Associate Professor

First semester 2007-08, full pay

To prepare and to perform solo piano works, with a special emphasis on Beethoven's piano Sonatas, which will ultimately lead to recording these works.

WILLIAM A. KINDERMAN, Professor

Academic year 2007-08, one-half pay

To research and to write a book on "Beethoven's Creativity" for Oxford University Press.

MARK E. MOORE, Associate Professor

First semester 2007-08, full pay

To visit the only four importers of tubas and euphoniums into the United States, and to visit the five major manufacturers of these instruments, in order to inform and assist students regarding instrument purchases.

Department of Urban and Regional Planning

FARANAK MIRAFTAB, Associate Professor

Academic year 2007-08, two-thirds pay

To integrate several years of research into a single manuscript on neoliberal urban policies and their impact on cities and citizenship in post-apartheid Cape Town, South Africa.

ZORICA NEDOVIC-BUDIC, Associate Professor

Academic year 2007-08, one-half pay

To examine through an urban lens the contextual determinants and outcomes of societal transition and building and utility of spatial data infrastructure.

GRADUATE SCHOOL OF LIBRARY AND INFORMATION SCIENCE

DANIEL TOBY SCHILLER, Professor

First semester 2007-08, full pay

To complete research and to write a major section of a book-in-progress, *The Hidden History of U.S. Telecommunications*.

INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS

CRAIG ALLEN OLSON, Professor

Second semester 2007-08, full pay

To continue research on the costs and benefits of employees stock options to both firms and workers.

COLLEGE OF LAW

THOMAS B. GINSBURG, Professor

Second semester 2007-08, full pay

To complete a book on Law and Economic Development; to complete a book manuscript on legal reform in East Asia; and to complete a project: Formal Characteristics of National Constitutions: A Cross-National Historical Dataset.

RICHARD L. KAPLAN, Professor

First semester 2007-08, full pay

To research and to prepare a comprehensive analysis of current legal protections regarding employer-provided retiree health benefits and policy recommendations for the future.

JACQUELINE E. ROSS, Professor

Second semester 2007-08, one-half pay

To participate in a collaborative research project that examines policing strategies in the immigrant communities of the United States and France.

COLLEGE OF LIBERAL ARTS AND SCIENCES

African American Studies and Research Program

SUNDIATA CHA-JUA, Associate Professor

First semester 2007-08, full pay

To write a book-length manuscript on lynching, African Americans' responses to it from 1865-1930, and the prevalence of rape in the historical literature.

Department of Anthropology

DOUGLAS J. BREWER, Professor

First semester 2007-08, full pay

To research and to write a newly contracted work, *Beyond Pharaohs, the Archaeology of Egypt* and to continue field research on Egyptian Eastern Desert rock art.

MATTI BUNZL, Associate Professor

Second semester 2007-08, full pay

To begin ethnographic research on a monograph, provisionally titled, *An Ethnography of the Art World*.

JANET DIXON KELLER, Professor

Second semester 2007-08, full pay

To research the Virginia M. and James D. Tobin collection of ethnographic art from Melanesia and to prepare an exhibit for the Spurlock Museum at the University of Illinois at Urbana-Champaign.

Asian American Studies Program

KENT A. ONO, Professor

First semester 2007-08, two-thirds pay

To study films and videos about the incarceration of Japanese Americans during World War II, focusing on community memory-making practices.

Department of Atmospheric Sciences

GREG MICHAEL MCFARQUHAR, Associate Professor

Second semester 2007-08, full pay

To incorporate emerging knowledge of clouds, weather, and climate into teaching and research by studying recent findings and continually evolving research in these areas.

School of Chemical SciencesDepartment of Chemical and Biomolecular Engineering

DEBORAH E. LECKBAND, Professor

Academic year 2007-08, two-thirds pay

To increase expertise in tissue engineering and developmental biology in order to expand research activities in cell and tissue engineering.

Department of Chemistry

PAUL HERGENROTHER, Associate Professor

Second semester 2007-08, full pay

To conduct research on the effect of potential drugs in animal models of neurodegenerative disorders and to learn the associated techniques and methods.

Department of the Classics

WILLIAM M. CALDER, Professor

First semester 2007-08, two-thirds pay

To complete a first edition with an introduction, commentary, and indices of the learned correspondence between the great German Hellenists, Ulrich von Wilamowitz-Moellendorff and George Kaibel.

Department of East Asian Languages and Cultures

MAKOTO HAYASHI, Associate Professor

Academic year 2007-08, one-half pay

To complete three ongoing projects that explore the relationship between grammar and social interaction.

ALEXANDER LEONHARD MAYER, Associate Professor

First semester 2007-08, full pay

To complete a book-length study on Chinese “Buddha nature,” thought centered on *The Awakening of Faith* (historical-philosophical introduction with commentated translation).

GANG GARY XU, Associate Professor

First semester 2007-08, full pay

To write a book titled *Trans-East Asian Cinema*.

Department of Economics

FIROUZ GAHVARI, Professor

Second semester 2007-08, full pay

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

SALIM RASHID, Professor

Second semester 2007-08, full pay

To continue studying the needs of infrastructure in rural Bangladesh, and to develop numerical measures to select between alternatives.

Department of English

LEON C. CHAI, Professor

First semester 2007-08, one-half pay

To revise a book entitled, *The Twilight of Theory*, which traces the current decline of theory in the humanities to problems over the definition of development.

PETER K. GARRETT, Professor

First semester 2007-08, full pay

To study the narrative functions and implications of military games and models in fiction from the eighteenth to the twentieth centuries in preparation for writing a book.

LAUREN M.E. GOODLAD, Associate Professor

First semester 2007-08, full pay

To complete a book on the experimental internationalisms of nineteenth century novelists and philosophers.

DEBRA HAWHEE, Associate Professor

Second semester 2007-08, full pay

To compile and to theorize the recurring appearances of animals in ancient rhetorical treatises in order to augment and complicate prevailing understandings of emotions, morality, and physicality in the history of rhetoric.

PATRICIA LOUGHRAN, Associate Professor

First semester 2007-08, full pay

To research in preparation for writing a book on the study of print culture and travel in the Anglo-Atlantic world from 1590 to 1800.

WILLIAM J. MAXWELL, Associate Professor

Second semester 2007-08, full pay

To complete *FB Eyes*, a book contracted with the Princeton University Press that examines the surprisingly involved relationship between the Federal Bureau of Investigation and African-American literary modernism.

Division of English as an International Language

FREDERICK G. DAVIDSON, Associate Professor

Second semester 2007-08, full pay

To complete a book on the history of educational and psychological testing and measurement with an emphasis on language testing.

WAYNE B. DICKERSON, Professor

Second semester 2007-08, one-half pay

To create an online version of a course--English Phonology and Morphology for Teachers of English and Secondary Language.

Department of Geography

LUC E. ANSELIN, Professor

First semester 2007-08, full pay

To research and to complete a book manuscript, *Spatial Econometrics, Theory and Practice*, a revision of his 1988 classic in this field.

THOMAS J. BASSETT, Professor

Second semester 2007-08 and first semester 2008-09, one-half pay

To conduct field research on rural land privatization in the northern Côte d'Ivoire and to study its effects on land access, control, and management by farmers and livestock producers with an emphasis on environmental change implications.

EZEKIEL KALIPENI, Associate Professor

First semester 2007-08, full pay

To write and to publish several articles and to write a textbook on Africa.

SARA L. MCLAFFERTY, Professor

First semester 2007-08, full pay

To complete a study of geographical and social inequalities in women's health during the 1990s.

Department of Geology

JAY D. BASS, Professor

First semester 2007-08, full pay

To research in geophysics and to write papers for publication.

STEPHEN MARSHAK, Professor

Second semester 2007-08, full pay

To learn modern techniques for producing laboratory-scale models of mountain-building processes and to apply modeling to the study of continental geological evolution.

Department of History

POSHEK FU, Professor

Second semester 2007-08, full pay

To complete a book on globalization of the Chinese film industry in the late twentieth century.

ELIZABETH H. PLECK, Professor

Second semester 2007-08 and first semester 2008-09, one-half pay

To draft a manuscript entitled, *Living in Sin: A History of Changing Attitudes Toward Cohabitation in the United States Since 1960*.

School of Integrative BiologyDepartment of Plant Biology

STEPHEN R. DOWNIE, Professor

Academic year 2007-08, two-thirds pay

To advance systematic knowledge of the North American members of the plant family Apiaceae by examining herbarium records, participating in revisionary studies, and learning novel molecular techniques.

Department of Linguistics

ELABBAS BENMAMOUN, Professor

First semester 2007-08, full pay

To complete major portions of a project on the evolution and structure of Arabic dialects and to prepare grant proposals to support this research.

PETER NATHAN LASERSOHN, Associate Professor

Second semester 2007-08, full pay

To work on a monograph on the logical analysis of statements expressing subjective evaluation or judgment and to complete an article on the principles by which the meanings of complex phrases are determined from the meanings of their parts, as these principles relate to patterns of word substitution in phrases.

Department of Mathematics

SCOTT DAVID AHLGREN, Associate Professor

First semester 2007-08, full pay

To conduct research in several areas of number theory.

SANKAR P. DUTTA, Professor

First semester 2007-08, full pay

To further research Intersection theory and homological conjectures in commutative algebra and algebraic geometry.

AIMO H.J. HINKKANEN, Professor

Second semester 2007-08, full pay

To research Painlevé differential equations, with particular emphasis on the growth properties of their solutions.

ILIA KAPOVITCH, Associate Professor

First semester 2007-08, full pay

To participate in a Geometric Group Theory special semester at the Mathematical Science Research Institute (Berkeley, California), and to work on a joint project with collaborators in France.

RINAT KEDEM, Associate Professor

Academic year 2007-08, one-half pay

To complete a National Science Foundation contracted research project; to visit Max Planck Institute; and to visit the Mathematical Science Research Institute (Berkeley, California) during a program on Combinatorial Representation Theory.

IGOR G. NIKOLAEV, Professor

First semester 2007-08, full pay

To study new curvature characterization of Aleksandrov spaces and to investigate properties of the generalized solutions of certain classes of Monge-Ampere equations.

School of Molecular and Cellular BiologyDepartment of Biochemistry

ROBERT B. GENNIS, Professor

Academic year 2007-08, two-thirds pay

To complete a textbook, *Principles of Physical Biochemistry*, for use by advanced undergraduates and beginning graduate students.

Department of Microbiology

CHARLES G. MILLER, Professor

First semester 2007-08, full pay

To prepare and to submit manuscripts for publication, which will describe research that may lead to the development of new types of antibiotics.

PETER A. ORLEAN, Professor

Second semester 2007-08, full pay

To learn new techniques for purifying membrane proteins, focusing on enzymes that are potential antimicrobial drug targets and to develop a course in glycobiology.

Department of Molecular and Integrative Physiology

THOMAS J. ANASTASIO, Associate Professor

Second semester 2007-08, full pay

To develop hybrid neural-network/agent-based models of brains within societies in order to explore questions in the new field of neurosociology.

RHANOR GILLETTE, Professor

First semester 2007-08, 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 2007-08, 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.

MARK E. NELSON, Professor

First semester 2007-08, full pay

To expand the scope of computational neuroscience research using national supercomputer resources and to enhance instructional software.

Department of Political Science

ROBERT DAVID PAHRE, Associate Professor

First semester 2007-08, full pay

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

Department of Psychology

MONICA FABIANI, Professor

First semester 2007-08, full pay

To develop and to apply new analytical techniques for interpreting brain-imaging data.

GABRIELE GRATTON, Professor

First semester 2007-08, full pay

To develop algorithms and software for the analysis of functional optical imaging data to be used for human brain imaging.

JANICE M. JURASKA, Professor

First semester 2007-08, full pay

To spend time in a laboratory at the University of Massachusetts Medical School in order to learn new techniques important to future research endeavors.

NEAL J. ROESE, Professor

Second semester 2007-08, two-thirds pay

To develop a new line of research on hindsight bias and its application to legal decision-making and to prepare a new undergraduate course on social cognition.

RANXIAO WANG, Associate Professor

Academic year 2007-08, two-thirds pay

To extend knowledge in human visual cognition to computer vision and neural networks, which will broaden research and teaching capabilities.

Program for the Study of Religion

RICHARD A. LAYTON, Associate Professor

Academic year 2007-08, two-thirds pay

To participate as a co-investigator in the second phase of a research project focused on studying aims and practices of courses about religion in the United States public schools.

Department of Sociology

SHIN-KAP HAN, Associate Professor

First semester 2007-08, full pay

To complete a study on the emergence of the recording industry in Korea and to construct a network database for a study of the March First Movement.

ANNA-MARIA MARSHALL, Associate Professor

Second semester 2007-08, full pay

To complete research for a project on environmental justice and to write a book manuscript based on that research.

Department of Spanish, Italian and Portuguese

ANNA MARIA ESCOBAR, Associate Professor

Second semester 2007-08, full pay

To edit a book-length manuscript entitled *On the Emergence of Andean Spanish*.

DARA ELLEN GOLDMAN, Associate Professor

Second semester 2007-08, full pay

To conduct additional research and to write a draft for a book on transcultural narrativity.

MARISELLE MELENDEZ, Associate Professor

First semester 2007-08, full pay

To complete a book-length project, *Monsters, Martyrs and Dangerous Women: The Cultural Production of the Female Body in Eighteenth Century Peru*, which examines the articulation of females identities through the use of language, bodily images, and corporal metaphors in eighteenth century Peruvian newspapers, legal documents, illustrated chronicles, and religious texts.

JOYCE L. TOLLIVER, Associate Professor

First semester 2007-08, full pay

To research the history of “purity of blood” and racial constructions in Latin America and the Caribbean in order to analyze Luso-Hispanic narratives of “passing.”

Department of Speech Communication

JAMES W. HAY, Associate Professor

First semester 2007-08, full pay

To research, to write, and to edit a major book-length project about the history of communication and to work on the development of a symposium and a course or seminar related to this book project.

Department of Statistics

JEFFREY A. DOUGLAS, Associate Professor

First semester 2007-08, full pay

To develop statistical models for diagnosis of educational skills and psychological traits and to further study applications of these models.

SCHOOL OF SOCIAL WORK

HONG LI, Associate Professor

First semester 2007-08, full pay

To conduct an exploratory study on home and community based services for frail elderly people in the People's Republic of China.

UNIVERSITY LIBRARY

JENNY MARIE JOHNSON, Associate Professor

November 16, 2007, through August 15, 2008, full pay

To prepare a book manuscript describing geography information sources and to study the history of Federal geographic information creation and dissemination in the nineteenth and twentieth centuries.

LYNNE M. RUDASILL, Associate Professor

September 16, 2007, through June 15, 2008, full pay

To conduct further research on the dissemination of and access to materials created by non-governmental organizations and the impact of government information policies on these organizations.

REBECCA ANN SMITH, Associate Professor

January 16, 2008, through April 15, 2008, full pay

To research the impact of social media on interdisciplinary research between the library and other units on campus.

ELLEN D. SWAIN, Associate Professor

January 1, 2008, through August 31, 2008, full pay

To conduct a historical analysis of a rural village in Indiana and to develop a carry-out community documentation strategy.

BRUCE WAYNE SWANN, Associate Professor

August 16, 2007, through May 15, 2008, full pay

To complete research and to write an article concerning the 1558 edition of a selection of the poems of Catullus.