

Board Meeting  
June 9, 2011

SABBATICAL LEAVES OF ABSENCE, 2011-12

**Action:** Approve Sabbatical Leaves of Absence, 2011-12

**Funding:** No New Funding Required

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

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

The Vice President for Academic Affairs concurs in these recommendations.

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

The President of the University recommends approval.

URBANA-CHAMPAIGN

## COLLEGE OF ENGINEERING

Department of Computer Science

JOSE MESEGUER, Professor

First semester 2011-12, one-half pay

To advance techniques in formal specification and verification of software that can substantially increase the quality, reliability, and security of such systems.

LUKE OLSON, Assistant Professor

First semester 2011-12, full pay

To participate in a federally funded program fostering interdisciplinary research linking mathematics to other disciplines in order to develop multilevel solution methods for applications in the information sciences.

Department of Physics

OLEKSII AKSIMENTIEV, Assistant Professor

Academic year 2011-12, one-half pay; or second semester 2011-12, full pay

To engage in collaborative research with the leading experimental groups in the field of nanopore physics and DNA mechanics; to incorporate findings into courses on biophysics and nanotechnology; and to write a textbook on the Physics of Nanomachines.

SMITHA VISHVESHWARA, Assistant Professor

Academic year 2011-12, one-half pay

To conduct research on and to gain expertise in the field of topological states of matter for fundamental physics studies and potential applications to quantum computation.

## COLLEGE OF FINE AND APPLIED ARTS

School of Architecture

HEATHER HYDE MINOR, Assistant Professor

First semester 2011-12, full pay

To complete research for the book already in progress, *Piranesi's Imperfect Ruins*, which will illuminate the early history of the discipline of the history of art and its methods.

SCOTT CHARLES MURRAY, Assistant Professor

Second semester 2011-12, full pay

To complete a series of theoretical architectural design projects exploring the relationship of high-performance building-envelope systems and affordable housing in four major U.S. cities.

School of Art and Design

RYAN GRIFFIS, Assistant Professor

First semester 2011-12, full pay

To complete the production of three exhibitions documenting research on the impact of the Olympics and World's fairs on cities in North America.

School of Music

CHRISTINA BASHFORD, Assistant Professor

First semester 2011-12, full pay

To conduct archival research on the socio-economic history of violin-playing in Britain, 1880-1930; and to draft two book chapters on the topic.

COLLEGE OF LIBERAL ARTS AND SCIENCES

School of Chemical Sciences

Department of Chemistry

JEFFREY S. MOORE, Professor

First semester 2011-12, full pay

To develop instructional materials for high school chemistry teachers' recertification through the Institute for Chemistry Literacy and Computational Science, which will instruct teachers in the use of modern resources and methods to discover the mechanism of action of biologically active molecules that impact our lives and the world around us.

M. CHRISTINA WHITE, Associate Professor

First semester 2011-12, full pay

To give a series of international lectures on selective functionalization of hydro carbons with predictable selectivity in complex molecule settings; and to initiate an outreach program on the topic of C-H oxidation in introductory organic chemistry courses at undergraduate institutions lacking programs in this frontier topic. The outreach effort is in conjunction with National Science Foundation sponsorship and will expand visibility of the ongoing research in the University laboratory.

Department of English

ELEANOR COURTEMANCHE, Assistant Professor

Academic year 2011-12, one-half pay

To write several chapters of a book entitled *Fragile Capitalism*, conducting more research about British cultural responses to 19<sup>th</sup> Century business cycles and a perception of instability.

School of Literatures, Cultures and LinguisticsDepartment of East Asian Languages and Cultures

DAN SHAO, Assistant Professor

First semester 2011-12, full pay

To complete research and begin writing a book entitled *Chinese by Definition: Bloodline Principle, Nationality Law, and State Succession (1909-1997)*, which will provide a humanistic perspective to the study of legal borders.

Department of Germanic Languages and Literatures

ANNA WESTERSTAHL STENPORT, Assistant Professor

Academic year 2011-12, one-half pay

To continue research for a book and articles on gender and economics in European modern drama; to complete an edited volume on August Strindberg; and to continue research on the Nordic film industry.

Department of Psychology

DUANE G. WATSON, Assistant Professor

First semester 2011-12, full pay

To investigate whether similar psychological mechanisms underlie pitch detection in music and language; to update familiarity with current statistical techniques in the field; and to complete several large papers resulting from research on the use of pitch accenting in language production and comprehension.

CHICAGO

COLLEGE OF APPLIED HEALTH SCIENCES

Department of Disability & Human Development

CHARLOTTE A. TATE, Professor

Academic Year 2011-12, full pay

To develop courses in disability and health for undergraduates, graduates, and the Honors College; and to expand research in successful aging and lifestyle factors underlying wellness with advancing age.

COLLEGE OF ARCHITECTURE AND THE ARTS

School of Art & Design

ANTHONY GERARD TASSET, Professor

Second semester 2011-12, full pay

To study the ancient monuments and colossal sculptures of Northern India; and to expand knowledge of sculpture and statues in Buddhist, Jain, and Hindu cultures.

COLLEGE OF ENGINEERING

Department of Electrical and Computer Engineering

DANIELA TUNINETTI, Assistant Professor

Academic year 2011-12, one-half pay

To work on the design of lattice codes for multi-user interference wireless networks with cooperating users.

COLLEGE OF URBAN PLANNING AND PUBLIC AFFAIRS

Department of Public Administration

YONGHONG WU, Assistant Professor

Second semester 2011-12, full pay

To conduct a research project on how governments support research and development in the private sector and academic institutions in the U.S. and China.