

## SABBATICALS AND PROFESSIONAL LEAVES

### 1. Faculty

Any tenured member of the University faculty may apply for a sabbatical leave for the purpose of increasing the recipient's professional competence and usefulness to the University. Sabbatical leave time may be used for research, writing or study at a place of the recipient's choosing. University personnel holding tenured faculty rank whose duties are primarily administrative are also eligible for sabbatical leaves. A minimum of six years of academic service at the University must precede each period of sabbatical leave, although no right accrues automatically through lapse of time.

Sabbatical leaves are not ordinarily available for the purpose of obtaining an advanced degree. A faculty member who fails to return to the University for at least one academic year immediately following a sabbatical leave is obligated to repay the amount of compensation received from the University during the leave. Leaves for a full contract year are compensated at a rate equal to 60 percent of the employee's annual salary; leaves for a half-contract year are compensated at the employee's existing rate for the period.

In each case, the teaching responsibilities of faculty on sabbatical leave will be assumed by other instructors, and there will be no reduction in number of courses offered as a result of the sabbatical leave. Requests for sabbatical leave undergo review by the appropriate department head and dean. They are also reviewed by the Office of Academic Affairs.

This year, a total of 39 faculty members and academic professionals requested sabbatical or professional development leaves. Academic Affairs screened these requests and forwarded 36 requests with positive recommendations.

### College of Agriculture and Natural Resources

<u>Name</u>	<u>Rank</u>	<u>Period</u>	<u>Year(s)</u>
<i>Department of Agricultural and Applied Economics</i>			
<b>Ehmke, Mariah</b>	Associate Professor	Academic Year	2015-2016
Professor Mariah Ehmke will work with leading researchers in the areas of infant and child health, behavioral economics, longitudinal data collection, and economic modeling to examine the role of unemployment and environmental factors in Māori New Zealander birth weight and child health outcomes. Her research may contribute to better economic policies and processes to promote healthy births and community health, especially for indigenous communities.			
<i>Department of Plant Sciences</i>			
<b>Islam, Md Anowarul</b>	Associate Professor	Exact Date	2015-2016
Professor Anowar Islam will focus on pasture bloat and the major problem associated with grazing of alfalfa pastures despite its high growth, quality, and production. Millions of dollars per year are lost due to pasture bloat in cattle production both in the US and Canada. Dr. Islam will collaborate with Dr. Surya Acharya to generate information that will enable cattle producers in both countries to benefit from grazing alfalfa stands and improve feed efficiency and cost effectiveness of high performance grazing systems.			

## College of Arts & Sciences

<u>Name</u>	<u>Rank</u>	<u>Period</u>	<u>Year(s)</u>
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### *Department of Art*

<b>Klages, Ricki L.</b>	Professor	Spring	2016
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Professor Ricki Klages intends to complete a large group of narrative and figurative paintings that feature elements of the landscape, still life and portraiture that visually connect to imply a complex story. These paintings will enable Professor Klages to broaden the exhibition venues and other prospects for displaying and publishing her paintings. Klages will also apply for a Ucross Foundation Residency for the spring of 2016 (applications are accepted October of 2015) for a 4-6 week residency that will enable her to focus solely on her painting in a supportive creative environment and help to reinforce her national and international reputation. Klages will also be developing a senior level course for the Department of Art, titled: Narrative/Figurative Painting, for the spring of 2017, based in part on her work undertaken during her sabbatical.

### *Department of Chemistry*

<b>Kubelka, Jan</b>	Associate Professor	Spring	2016
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Professor Jan Kubelka is proposing to enhance his expertise in theoretical and computational chemistry, which has been one of the most fruitful parts of his research, by working with some of the world's leading experts. Through projects focused specifically on his current research interests, he plans to get an in-depth training in the latest advances in the chemical theory, along with practical hands-on experience with the state-of-the-art software and development tools. Bringing this newly acquired knowledge and experience back to UW will greatly expand the research capabilities of Professor Kubelka's group and the chemistry department, and improve the quality of education and student training in the modern computational methods.

### *Department of Communication & Journalism*

<b>Brown, Michael R.</b>	Professor	Fall	2015
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Professor Michael Brown will use his sabbatical to explore the adoption and use of 'new media' in Kazakhstan. The use of new digital media is worldwide as technology becomes more readily available and accessible. Kazakhstan offers a unique opportunity to examine how developing countries are adopting digital media. The research is the result of a cooperation agreement and ongoing research collaboration between journalism department at UW and the Kazakh National University.

### *Department of English*

<b>McCracken-Flesher, Caroline</b>	Professor	Academic Year	2015-2016
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Professor Caroline McCracken-Flesher will study in Scotland to research and write the book, *Writing the Way Home: Scottish/American Literary Networks from 1745 to the World Wide Web*. This book will inform scholarly discussion of "home" as a focus and problem for today's global culture, build understanding of transatlantic relations and the literary exchange of ideas, contribute to UW courses on Scottish Literature, and add nuance to English's curriculum on Literatures of the Americas. While in Britain, Professor McCracken-Flesher will strengthen exchange relationships with the Universities of Stirling and Essex, and deliver the annual talk on literature at the Scottish Parliament.

<b>Romtvedt, David M.</b>	Professor	Fall	2015
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Professor David Romtvedt will complete two projects. One is to work on a musical theater piece focused on John Milton's *Paradise Lost* and on Milton's life. The second is to continue studying the Basque language for the purpose of enhancing literary translation work in the UW Creative Writing program and to continue teaching the Basque language at the university and in Wyoming communities. Romtvedt will spend his sabbatical leave working in Wyoming and Montana as well as in Lazkao, Gipuzkoa in the Basque Country.

<b>Thompson, Jason C.</b>	Associate Professor	Spring	2016
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Professor Jason Thompson proposes to write two book projects – each accepted by academic publishers – on the related subjects of Rhetoric and Game Studies; in addition, we will write one new essay on political rhetoric. Portions of these projects have been funded already (for example, the Andrew Cosman Research Fellowship at the National Museum of Play). Presentations at national and international conference will aid in developing both books.

### *Department of History*

**Helfgott, Isadora A.** Associate Professor Academic Year 2015-2016

Professor Isadora Helfgott proposes to spend a year-long sabbatical working on two projects: first, she will conduct archival research in San Francisco, Chicago, St. Louis and New York in order to write an academic monograph that examines the history of fine art exhibitions at world's fairs between 1876 and 1964; second, she will build on initial work with the Sleuk Rith Institute in Cambodia, enabled by grants from four different units at UW, to assist in establishing a Museum of Memory in Siem Reap that will educate Cambodian and global audiences about atrocities committed under the Khmer Rouge regime. This work contributes to my research on the political significance of museums, and in particular how cultural institutions can facilitate reconstruction of civil society in the wake of political upheaval.

### *Department of Mathematics*

**Jafari, Farhad** Professor Fall 2015

Professor Farhad Jafari requests a one-semester sabbatical leave in Fall 2015, to complete several research articles and spend several months as a long-term visitor at the IMA in Minneapolis, participating in the thematic year on Control Theory and Dynamics. This leave will lead to new collaborations and new publications, grant funding and training of doctoral students at the University of Wyoming.

**Liu, Rongsong** Associate Professor Calendar Year 2016

Professor Rongsong Liu is planning to visit the Centre for Computational Systems Biology, at the School of Mathematical Sciences, Fudan University, Shanghai, China. Dr. Liu also plans to spend one month each at the Massachusetts Institute of Technology to work with Lydia Bourouiba and the University of Sterling to collaborate with Jozsef Farkas. Results in terms of research papers and grant applications born of these two projects will not only provide theoretical results for biological control of diseases, but also provide scientists with insights into the design of field experiments to test biological control strategies.

**Williford, Jason S.** Associate Professor Fall 2015

Professor Jason Williford will investigate problems in the theory of association schemes and coherent configurations. These are combinatorial structures that provide a unified framework for studying problems in other areas of combinatorics, such as coding theory, design theory, and geometry. This research is currently funded by a grant with the NSF. The faculty is requesting leave to collaborate on this project with faculty at the University of Delaware. This will enable him to broaden the scope of the project and improve the quality and quantity of publications associated with it, ultimately aiding in future efforts to secure funding.

### *Department of Music*

**Fadial, John M.** Professor Spring 2016

Professor John Fadial will use this one semester sabbatical in the spring of 2016 is to record a compact disc of music for string sextet with the Stanislas Sextet of France, sponsored by the Ensemble Stanislas, Ville de Nancy and produced by Radio France. The project also includes a pedagogical research project that will examine higher education string instrument teaching styles in the US and France through master classes and lesson observations at the Nancy Conservatory, Nancy, France.

**Lamartine, Nicole C.** Associate Professor Spring 2016

Professor Nicole Lameritne will attain certification in anatomy and an anatomy dissection workshop that will prepare her to answer research questions and develop a new course pertaining to conducting and musician movement. Secondly, she will travel to Beijing to teach, perform, and conduct at China Conservatory. Finally she will fulfill her duties as President-Elect for the Northwest division of the American Choral Directors Association.

**Vanderborgh, Beth D.** Associate Professor Spring 2016

Professor Beth Vanderborgh will use this one semester sabbatical in the spring of 2016 to record a compact disc of music for string sextet with the Stanislas Sextet of France, sponsored by the Ensemble Stanislas, Ville de Nancy and produced by Radio France. The project also includes a pedagogical research project that will examine higher education string instrument teaching styles in the US and France through master classes and lesson observations at the Nancy Conservatory, Nancy, France.

### *Department of Physics & Astronomy*

**Dahnovsky, Yuri** Professor Spring 2016

Professor Yuri Dahnovsky proposes to sharpen his theoretical understanding of the microscopic processes involved in solar cell technology. He will learn new computational techniques in modeling electronics at the molecular level through collaborations and visits to the labs of Professors Alex Boldyrev (Utah State University) and Vince Ortiz (Auburn University). New computational methods will allow Professor Dahnovsky to probe new territory in molecular systems, which will benefit the training and output of his research group.

### *Department of Political Science*

**Garrison, Jean A.** Professor Fall 2015

Professor Jean Garrison requests a sabbatical leave for Fall 2015 to conduct research focusing on the EU, China, and the US as global actors in energy and the environment. This project will address the multi-faceted issues surrounding the global energy and climate security debates as it investigates efforts to develop a collaborative model across the various stakeholders to address one of the planet's most complex challenges – building our path to a sustainable energy future. Professor Garrison will conduct research in Berlin, Germany, Oxford, England, Washington, DC and Shanghai, China for this project.

### *Department of Psychology*

**Wilkowski, Benjamin M.** Associate Professor Spring 2016

Professor Benjamin Wilkowski plans to visit his collaborator, Dr. Thomas Denson, at the University of New South Wales to obtain training in several psycho-biological research techniques (e.g., fMRI, cortisol). He will extend his study of several approaches for mathematical modeling human social interactions, namely game theory and reinforcement learning theory. These activities will serve to improve Dr. Wilkowski's program of research, his capacity to bring grant dollars to the University of Wyoming, and will enhance his overall professional competence and usefulness to the university.

### *Department of Religious Studies*

**Flesher, Paul V.M.** Professor Academic Year 2015-2016

Professor Paul Flesher intends to spend time in Israel and at key research libraries studying Sabbath worship in ancient Galilean synagogues, drawing upon archaeological discoveries, Aramaic Biblical translations and rabbinic literature. This will result in a book, *Mosaics and Palestinian Targums: Torah, Temple and Sacrifice in the Synagogues of Sepphoris and Beth Alpha*. The aim is to understand how worship strengthened religious knowledge and motivated Jews' adherence to Judaism at a time when Jews were under strong social, political and religious pressure to convert to Christianity and Judaism had been severely damaged by the permanent loss of Jerusalem and its Temple.

### *Department of Sociology*

**Machalek, Richard S.** Professor Fall 2015

Professor Richard Machalek will conduct research that will consolidate over twenty-five years of research findings in the field of evolutionary sociology, a relatively new branch of sociology that he helped establish. His sabbatical research will yield a book manuscript tentatively titled *Evolutionary Sociology: Toward a More Explanatory Social Science*. This project will incorporate research findings and ideas from major branches of behavioral biology and sociology, thereby helping to build a bridge between life sciences and the social sciences.

### *Department of Statistics*

**Anderson-Sprecher, Richard** Professor Academic Year 2015-2016

Professor Richard Anderson-Sprecher proposes to spend the 2015-16 academic year researching topics in spatio-temporal modeling and applying knowledge gained to the analysis of sage grouse population data. Work will be done in collaboration with scientists at the Fort Collins office of The Nature Conservancy. General knowledge obtained about space-time models will benefit the Statistics graduate curriculum, and specific knowledge learned about sage grouse will benefit the scientific research community and stakeholders in ongoing discussions regarding sage grouse populations.

## *Global and Area Studies Program*

**Seitz, Thomas R.** Associate Professor Academic Year 2015-2016

Professor Thomas Seitz will undertake research in Indonesia, exploring how Indonesians are attempting to build an informed electorate in the world's largest Islamic society. Seitz's research will also explore the role of colonial policies and practices in shaping the values, norms and expectations of citizens in the post-colonial societies. In the process, Professor Seitz will also broaden and deepen UW's cooperation with universities in Indonesia.

## **College of Education**

<u>Name</u>	<u>Rank</u>	<u>Period</u>	<u>Year(s)</u>
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### *Department of Professional Studies*

**Harbour, Clifford P.** Professor Academic Year 2015-2016

Professor Clifford Harbour's sabbatical leave has three parts. First, he will develop a new line of research examining the role of administrators and faculty leaders in developing civic engagement programming at two community colleges. Second, he will examine the role of educational leaders in developing a civic engagement unit in a place-based, graduate science education curriculum. Third, Professor Harbour will produce a proposal for a book-length text describing best practices for community college civic engagement programming based on his research and a systematic review and analysis of the research literature.

### *Department of Elementary & Early Childhood Education*

**Buss, Alan Richard** Associate Professor Fall 2015

The University of Wyoming is providing many new and exciting tools which aid faculty and students in their efforts to research and understand complex problems, including the new 3-D CAVE in the Shell Visualization Center. Sabbatical leave is being requested to research the costs and benefits of using these tools for instruction in energy-related topics in science, technology, engineering and mathematics (STEM), particularly for non-majors. Results of the research will be shared with interested UW faculty as they develop teaching materials and simulations, and more broadly through professional publications and presentations.

**Madrid, Samara Dawn** Associate Professor Fall 2015

With the increase of both internationalization in education and of the populations of diverse students, there is a need to prepare early childhood teachers to understand the cultural nature of teaching and child development. To address these concerns, the purpose of this research project is threefold: 1) to examine the daily life of preschool in the three diverse early childhood settings (Nepal, Laramie, and the Wind River Reservation), 2) to use the video data from the three early childhood settings to examine University of Wyoming early childhood education students' perspectives about teaching and learning as situated in cultural context and 3) Use the data set to develop college curriculum to prepare University of Wyoming students to understand how to teach the young child in cultural context.

## **College of Engineering and Applied Science**

<u>Name</u>	<u>Rank</u>	<u>Period</u>	<u>Year(s)</u>
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### *Department of Civil & Architectural Engineering*

**Barker, Michael G.** Professor Calendar Year 2015

Professor Michael Barker will use this sabbatical to develop information on the Live Service performance and Life Cycle Costs for steel and concrete bridges. Life Service and Life Cycle Cost research is a priority in the bridge industry. State Departments of Transportation and Counties will be visited to obtain actual histories and associated maintenance and rehabilitation costs for a data set of bridges. The impact of the study is time sensitive with the recent 10-month extension of the Highway Trust Fund and the initiation of the FHWA Long Term Bridge Performance work.

**Ogden, Fred L.** Professor Academic Year 2015-2016  
 Professor Fred Ogden will split his time between the new US National Water Center in Tuscaloosa, AL and the Smithsonian Tropical Research Institute. He will transfer UW tools developed through the NSF EPSCoR high performance computing hydrologic modeling project to the National Water Center, and supervise watershed manipulation experiments in Panama associated with his new NSF Water, Sustainability, and Climate project in the Panama Canal Watershed. Both of these activities will benefit UW through continued research vitality by Professor Ogden and his students in cooperation with national and international collaborators, writing of publications and proposals.

**Urynowicz, Michael A.** Professor Academic Year 2015-2016  
 Professor Michael Urynowicz will use his leave to focus his efforts on field demonstration of the technologies he developed at UW. He also plans to solidify relationships with industry sponsors for long-term financial support of his research by commercializing his technologies, the patents for which are owned by UW.

### College of Law

<u>Name</u>	<u>Rank</u>	<u>Period</u>	<u>Year(s)</u>
<b>Bridgeman, Jacquelyn L.</b>	Professor	Spring	2016

Professor Jacquelyn Bridgeman will be writing an interactive family law casebook. The book envisioned will be focused on a practical and experiential approach to teaching family law. In its electronic format it will integrate and embed a range of instructional technologies in order to enhance the learning experience for students and to better cater to the ways in which students learn and process information in the present day. In addition to her book project, Professor Bridgeman intends to write two articles on race, gender, and sports; one focusing on Division I football as an inherently discriminatory system and the other focused on sex segregation in sports.

<b>Novogrodsky, Noah B.</b>	Professor	Academic Year	2015-2016
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Professor Noah Novogrodsky will spend a year at the Human Rights Center of the University of California, Berkeley conducting research and writing a book that addresses the globalization of human rights. The manuscript will benefit from interactions with faculty and researchers based in the Bay Area and marks a shift from thinking about human rights as state obligations in an international system to a study of the norms that bind individuals and communities in an interconnected world where borders are increasingly irrelevant.

<b>Easton, Stephen Douglas</b>	Professor	Spring	2016
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Professor Stephen Easton will use his sabbatical to edit and revise historical trial files for publication and use by other law schools and bar organizations. This will enhance the reputation of the College of Law and the University by establishing the college as a source of strong education and leadership in history and trial advocacy.

### University Libraries

<u>Name</u>	<u>Rank</u>	<u>Period</u>	<u>Year(s)</u>
<i>Research &amp; Instruction</i>			
<b>Calkins, Kaijsa J.</b>	Associate Librarian	Spring	2016

Ms. Kaijsa Calkins plan to explore course offerings in research methods from other libraries or departments at other universities for syllabi, assignment descriptions and learning outcomes. Locally, she will conduct interviews/focus groups with UW humanities faculty and students about gaps/needs of graduate students and departments related to research skills. The information she gathers will inform the development of the course and may also inform broader departmental efforts to improve research support services to graduate students. She also plans to write an article about the course development process, including information gleaned from interviews and focus groups. Target journals for this publication are portal: Libraries and the Academy and College & Research Libraries.

## 2. Academic Professionals

The purpose of professional development leave is to allow academic professionals to enhance their performance, to conduct special studies, or in some other way to undertake planned activities related in a substantial manner to the individual's role at the University.

To be eligible to apply for professional development leave, academic professionals must have been granted an extended-term contract. Initial requests may be submitted no earlier than the seventh year of academic service. If granted, the leave may be taken no earlier than the eighth year. Subsequent leaves must be preceded by a minimum of six additional years of academic service, although no right accrues automatically through lapse of time. Other conditions for professional development leave are generally those that apply to sabbatical leave for faculty.

An academic professional who fails to return to the University for at least one academic year immediately following a sabbatical leave is obligated to repay the amount of compensation received from the University during the period of his or her leave.

### College of Agriculture and Natural Resources

<u>Name</u>	<u>Rank</u>	<u>Period</u>	<u>Year(s)</u>
<i>Cooperative Extension Service</i>			
<b>Ehmke, Cole C.</b>	Associate Extension Educator	Fiscal Year	2015-2016
Mr. Cole Ehmke will increase his capacity to work with rural entrepreneurs through an examination of direct and value-added product marketing in New Zealand. His expertise in this area will be enhanced through collaborative interaction with agribusiness researchers at Lincoln University and economic development facilitators.			

### College of Arts & Sciences

<u>Name</u>	<u>Rank</u>	<u>Period</u>	<u>Year(s)</u>
<i>Department of Physics &amp; Astronomy</i>			
<b>Thayer, David R.</b>	Senior Lecturer	Fall	2015
Dr. David Thayer will write a modern quantum mechanics textbook. The novel approach that will be emphasized is constructing a textbook that emphasizes quantum mechanical interpretation, which has been lacking in previous quantum mechanics textbooks. The creation, publication, and dissemination of such an important mechanics textbook will lead to further national recognition of the Department of Physics & Astronomy, the College of Arts and Sciences, and the University as a whole.			

### College of Law

<u>Name</u>	<u>Rank</u>	<u>Period</u>	<u>Year(s)</u>
<b>Playton, Dona</b>	Senior Lecturer	Spring	2016
Ms. Donna Playton will research options for expansion of access to courts and the civil justice system for low-income and pro se litigants in Wyoming. The goals of the research is to enable her to explore various models of court-based legal services access and to propose ways to implement solutions and expand Wyoming's existing foundation for improving access to justice. The result of the research will culminate in a written proposal to the Wyoming Access to Justice Commission and the Wyoming Center for Legal Aid and will also produce informative articles aimed at other civil legal system stakeholders, including the judiciary, the bar and the populations sought to be served. She will also integrate her newly developed competencies in multicultural lawyering and social justice into the legal services clinics at the law school, as well as in the other classes she teaches in order to promote awareness and understanding of the unmet legal needs in our state.			

# LEAVES OF ABSENCE WITHOUT PAY

## 1. Faculty

### College of Arts & Sciences

<u>Name</u>	<u>Rank</u>	<u>Leave Dates</u>
<i>Department of History</i> <b>Poblete, JoAnna U.</b>	Associate Professor	07/01/2015 to 06/30/2016