

SABBATICALS AND PROFESSIONAL LEAVES

Faculty Sabbatical Leaves

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 period of his or her leave.

College of Agriculture, Life Sciences and Natural Resources

Department of Botany

<u>Name</u>	<u>Rank</u>	<u>Period</u>	<u>Year(s)</u>
Weinig, Cynthia	Professor/Wyo Excellence Chair	Academic Year	2022-2023

Dr. Cynthia Weinig will use her proposed sabbatical leave to improve general knowledge of microbial ecology and to learn bioinformatic and statistical analyses that characterize microbial community differences. This gain in expertise will improve her competitiveness for external awards from the National Science Foundation, improve her teaching delivery within the Department and the LIFE program, and contribute to the institutional aim of enhancing computational and informatics knowledge.

Department of Family and Consumer Sciences

<u>Name</u>	<u>Rank</u>	<u>Period</u>	<u>Year(s)</u>
Harmon, Jennifer	Assoc Professor	Fall	2022-2023

Dr. Jennifer Harmon will use her sabbatical leave to start a textile recycling program at the University of Wyoming. As part of beginning this program, Dr. Harmon will spend this leave analyzing the outcomes of the Spring 2022 pilot program, interviewing and surveying faculty at peer institutions regarding their textile recycling programs, reaching out to local businesses like Goodwill to explore partnerships, developing partnerships with other faculty members at UW to aid the recycling process, sourcing equipment for the product(s) to be made from the recycled fibers and applying for grant funding to contribute to the cost of starting this program. At the end of this leave, Dr. Harmon will submit 1 journal article from the analysis of the pilot program and 2 grant applications to expand the program.

Department of Zoology and Physiology

<u>Name</u>	<u>Rank</u>	<u>Period</u>	<u>Year(s)</u>
Sun, Qian-Quan	Professor	Spring	2022-2023

Dr. Sun will use his proposed sabbatical leave to expand the scope of his research lab from primarily in vitro animal models to an integrated, multiple system-level neuroscience research approach in behaving animal models. Proposed activities are: 1) visiting two world-leading research labs, and 2) implementing cutting-edge approaches at UW by inviting researchers to work with my lab members and I in our local lab setting. I believe the sabbatical leave will significantly enhance the competitiveness of his lab in federal grant applications and higher impact scholar publications, and also provide UW students and trainees top quality experiences.

College of Arts and Sciences

Department of English

<u>Name</u>	<u>Rank</u>	<u>Period</u>	<u>Year(s)</u>
Zibrak, Arielle	Assoc Professor	Fall	2022-2023

Dr. Arielle Zibrak will use her proposed sabbatical leave to conduct archival research in Chicago, IL and to continue working on her fourth book project in light of that research. The book, which is entitled *In the Image of Our Own Desires: Consumer Feminism and American Secular Thought*, is a scholarly work geared towards a more general audience that explores the history of two popular, female-led ideological movements in turn-of-the-century America. During her sabbatical, Professor Zibrak will work in the archives at the Newberry Library and the University of Illinois, Chicago, and the Evanston and Chicago Historical societies. Upon returning to Laramie, she will write submit a book proposal to major academic presses and complete a draft of the full manuscript.

Department of Modern and Classical Languages

<u>Name</u>	<u>Rank</u>	<u>Period</u>	<u>Year(s)</u>
Landeira, Joy	Professor	Academic Year	2022-2023

Dr. Landeira will use her proposed sabbatical leave to research and write a six-chapter interdisciplinary comparative literature book titled: "Price Versus Value: Virtue, Deception, and Social Commentary in Turn-of-the-Century European Narratives." It will include Spanish, French, and English stories by five late 19th and early 20th century authors (Guy de Maupassant, León de Tinseau, Emilia Pardo Bazán, Henry James, and W. Somerset Maugham). She plans to spend two semesters (fall 2021+ spring 2022) researching and writing. If worldwide health conditions permit, she will travel to the Biblioteca Nacional de España in Madrid to research Pardo Bazán, the Bibliotheque Nationale in Paris to study Maupassant and Tinseau, and the British Library in London for James and Maugham. If not, she will work at home with digital and hard copies. The finished product will be submitted to a reputable, peer-reviewed university press for publication and international distribution. In addition to the actual book, other measurable outcomes will be curriculum enhancement since she will include the material in UW's upper level undergraduate and graduate course curriculums, specifically SPAN 3110 Survey of Contemporary Spanish Literature, SPAN 5110 Peninsular Spanish Literature, LANG 4800 Advanced Instruction in European Comparative Literatures taught in English, and world literature in translation. This will benefit courses in our department, especially French and Spanish, and in other departments of Honors and English.

Department of Music

<u>Name</u>	<u>Rank</u>	<u>Period</u>	<u>Year(s)</u>
Fadial, John	Professor	Fall	2022-2023

Dr. John Fadial will us his proposed sabbatical leave to work on a research project that will focus on the work of two Welsh women composers, Morfydd Owen (1891-1918) and Grace Williams (1906-1977), whose materials are housed in "boxes" of letters, manuscripts, sketches, and notes in the library at Cardiff University. I will: examine this material in search of music for stringed instruments; edit appropriate works found; and prepare and edit ancillary documents for historical context, interpretation, and as supporting material for performance editions (forward, bibliography, etc.) and future recording projects. The resulting editions will be integrated into classroom teaching at UW and into the canon of repertoire, internationally.

Vanderborgh, Beth Professor

Fall

2022-2023

Dr. Beth Vanderborgh will use her proposed sabbatical leave to create a companion printed edition to her critically acclaimed 2012 audio recording of the Salon Works of August Nölck for Cello and Piano. She will travel to: the Library of Congress in Washington, D.C.; the Sibley Music Library in Rochester, NY; the UNCG Cello Collection Archives in Greensboro, NC; and the Landesbibliothek Staats und Universitätsbibliothek (SLUB) in Dresden, Germany for the purposes of assessing, compiling, and editing manuscripts and out-of-print materials, resulting in important new educational materials. Her published edition of Nölck's work will be used in conjunction with my previously recorded audio disc by her students in the Department of Music, and will be available to the music community internationally, enhancing the reputation of the University of Wyoming.

Department of Psychology

<u>Name</u>	<u>Rank</u>	<u>Period</u>	<u>Year(s)</u>
Hartung, Cynthia	Professor	Spring	2022-2023

Dr. Cynthia Hartung will use her proposed sabbatical leave to conduct three research studies, in her area of expertise (i.e., attention-deficit/hyperactivity disorder), with Dr. Lars Wichstrøm at the Norwegian University of Science and Technology, using the Trondheim Early Secure Study dataset. A UW sabbatical leave, and a Fulbright award, will grant her and her graduate students at the University of Wyoming the rare opportunity to conduct research using a birth cohort sample of children followed longitudinally into mid-adolescence. Upon her return to the US, she will present the results to, and share experiences with, students and faculty at UW, (b) submit the results for presentation at national and international clinical psychology conferences, and (c) submit the results for publication in international developmental psychopathology journals.

College of Business

Department of Management and Marketing

<u>Name</u>	<u>Rank</u>	<u>Period</u>	<u>Year(s)</u>
Minton, Elizabeth	Assoc Professor	Spring	2022-2023

Dr. Elizabeth Minto will use her requested sabbatical to invest time into her already external grant supported research project examining how marketing can help and hurt mothers after the loss of their child during pregnancy or after birth (note – almost one in three women experience such a loss). The time during the sabbatical will be used to analyze the data from 30 depth interviews that she has already conducted, collect additional quantitative data to better generalize findings to a larger audience, and write up academic articles and press releases regarding the research. Specific outcomes include a publication sent to a top tier journal in my field as well as manuscripts in draft form for additional publications and a press release in draft form to be sent out after a publication is accepted.

College of Education

School of Teacher Education

<u>Name</u>	<u>Rank</u>	<u>Period</u>	<u>Year(s)</u>
Rush, Leslie	Professor	Spring	2022-2023

Dr. Leslie Rush will use her proposed sabbatical leave during Spring 2023 to teach and study her teaching as a visiting faculty member in the Department of Pedagogical Innovation and Culture at Tampere University of Applied Sciences in Tampere, Finland. To support this leave, Dr. Rush has made application to the Fulbright US Scholars Award in Finland. Dr. Rush expects that this experience will result in a) teaching innovations that will benefit UW students and b) publications regarding the teaching experience in journals such as International Journal of the Scholarship of Teaching and Learning, College Teaching, and Research and Practice in College Teaching.

College of Engineering and Physical Sciences

Department of Atmospheric Science

<u>Name</u>	<u>Rank</u>	<u>Period</u>	<u>Year(s)</u>
Geerts, Bart	Professor	Fall	2022-2023

Dr. Geerts will use his proposed sabbatical to further the reputation and priorities of the Dept. of Atmospheric Science and the College of Engineering and Applied Science, and the University both nationally and internationally. This will be accomplished by leveraging existing interactions through extended visits to NCAR and to an international partner, to pursue collaborative research funded by the Dept. of Energy and the National Science Foundation. The outcomes of this sabbatical will be an Operations Plan for a large airborne field campaign with (inter)national partners, tentatively planned for 2023, peer-reviewed papers, and a new proposal to DOE for future collaborative research using the NCAR Wyoming Supercomputer Center facilities.

Department of Chemistry

<u>Name</u>	<u>Rank</u>	<u>Period</u>	<u>Year(s)</u>
Hoberg, John	Professor	Spring	2022-2023

The purpose of Professor John Hoberg's proposed sabbatical will be to focus on the commercialization of the 2D materials that have been developed in his lab at UW. The activities that will be pursued to achieve this will be to visit and work in several industrial corporations that specialize in the field of separations. Outcomes for the sabbatical will include collaborating with industrial scientists in solving commercial separation problems using our 2D materials. This will help achieve a commercialization readiness of our materials and introduce our materials to these industries for use in their product stream. We have multiple patents on our materials along with a STTR commercialization grant. We are currently at the stage of developing and testing our materials for large-scale implementation in an industrial setting.

Department of Civil and Architectural Engineering and Construction Management

<u>Name</u>	<u>Rank</u>	<u>Period</u>	<u>Year(s)</u>
Zhu, Jianting	Professor	Fall	2022-2023

Dr. Jianting Zhu will use his proposed sabbatical leave to expand his knowledge base to integrate ecohydrological processes and landscape changes during my stay in the School of Geographic Sciences at the Nanjing University of Information Science & Technology in China. His sabbatical activities are aligned with the goals of the university's strategic plan to promote and strengthen the university as a scholarly and creative enterprise in enhancing my intellectual footprints through direct interaction with one of the most active research centers in the field of arid and semi-arid landscape changes. Upon the completion of the sabbatical leave and return to UW, he plans to submit 2-3 manuscripts for journal publications, with one targeting journal with highest impact and write proposal to the NSF program of Boosting Research Ideas for Transformative and Equitable Advances in Engineering (BRITE) that is specifically targeted to experienced researchers to forge new directions.

Brant, Jonathan	Professor	Academic Year	2022-2023
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Dr. Brant will use his proposed sabbatical leave to strengthen professional contacts within the practicing engineering field in the Rocky Mountain / Northwestern Region for the dual purposes of growing our applied research capabilities and partnerships. Activities will include Dr. Brant actively consulting on existing water treatment plant design efforts to grow his knowledge on current research and design challenges and authorship of applied research grants to be submitted to the American Water Works Association and Water reuse Association. Measurable outcomes from this sabbatical will include the submittal of at least two joint research proposals and the framework for an internship program with HDR Engineering for environmental engineering students.

Dean's Office

<u>Name</u>	<u>Rank</u>	<u>Period</u>	<u>Year(s)</u>
Peck, Ann	Senior Lecturer	Academic Year	2022-2023

Ann Peck will use her proposed professional development leave to focus on studying the future of engineering education and its potential impact on and applicability to UW's College of Engineering and Applied Science (CEAS) programs. Time will be spent with personnel of two premier domestic institutions of innovative engineering education - MIT and Olin - as well as the international institution of the University of Canterbury, New Zealand. Expected outcomes include a conference paper, new strategies for effective, innovative engineering education for implementation in engineering science courses, and adjustments to current CEAS faculty career advising activities.

Department of Electrical Engineering and Computer Science

<u>Name</u>	<u>Rank</u>	<u>Period</u>	<u>Year(s)</u>
McInroy, John	Professor	Academic Year	2022-2023

Dr. John McInroy will use his proposed sabbatical leave at the University of Canterbury in New Zealand working to enable Unmanned Aerial Vehicles (UAVs) to use precision tools in changing dynamic environments and in biomedicine to monitor movement repetitions for physical therapy. This complements UW's existing strengths in precision motion and computer vision and poises UW to receive more long-term funding. Two research papers, two research proposals, and a new computer vision course will be direct measurable outcomes.

Department of Geology and Geophysics

<u>Name</u>	<u>Rank</u>	<u>Period</u>	<u>Year(s)</u>
McElroy, Brandon	Professor	Academic Year	2022-2023

Dr. Brandon McElroy will use his proposed sabbatical leave to 1) complete 4 existing writing projects, 2) to further existing collaborations and their associated projects, and 3) to develop new research capacity leading to a major NASA proposal (estimated, \$750k over 5 years). Time away from University of Wyoming will allow him to achieve tasks 1 and 2 by temporarily removing his teaching commitments and service commitments and because he will be able to visit my collaborators. Additionally, time away will give him an opportunity to learn a new experimental technique at a foreign institution that he will then apply at the University of Wyoming thus expanding his laboratory capabilities and his research portfolio.

Department of Mechanical Engineering

<u>Name</u>	<u>Rank</u>	<u>Period</u>	<u>Year(s)</u>
Stoellinger, Michael	Assoc Professor	Spring	2022-2023

Dr. Michael Stoellinger will use his proposed sabbatical leave to become more competitive in pursuing federal funding opportunities for thermal/fluid energy conversion systems by gaining and demonstrating experience in applying Artificial Intelligence & Machine Learning (AI/ML) tools for multi-fidelity model development and optimization in Computational Fluid Dynamics (CFD). This goal will be realized in collaboration with Dr. Oliver Stein from the Institute of Combustion Science at the University of Stuttgart through a sabbatical visit. The measurable outcomes are a joint publication on the use of AI/ML tools for a reduced order model of hydrogen combustion, and a proposal to NSF's "Computational and Data-Enabled Science and Engineering (CDS&E)" Fall 23 call.

Haub School of Environment and Natural Resources

<u>Name</u>	<u>Rank</u>	<u>Period</u>	<u>Year(s)</u>
Stoellinger, Temple	Assoc Professor/Wyo Excellence Chair	Spring	2022-2023

Professor Temple Stoellinger will use her proposed sabbatical (based in Salzburg Austria) to explore the differences between the wildlife law regimes of Europe and the U.S., focusing on incentivizing conservation of wildlife on private land. She will research wildlife law models and management strategies in Austria, the U.K., and Sweden and will conduct interviews with local academic and management experts, to extrapolate successes from Europe that might inform the development of new innovative policy approaches to wildlife conservation in the U.S, particularly in the Greater Yellowstone Ecosystem. At the end of her sabbatical, she will submit a law review article on this topic and in the coming year will develop a book proposal comparing international approaches to shared wildlife law and management challenges such as migratory big game conservation, predator reintroduction and management, and incentivizing private land conservation.

College of Law

<u>Name</u>	<u>Rank</u>	<u>Period</u>	<u>Year(s)</u>
Cover, Danielle	Professor/Wyo Excellence Chair	Spring	2022-2023

Dr. Danielle Cover will use her proposed sabbatical leave to focus concentrated energy on scholarly work and to research and propose an improved academic success program for College of Law students. During the proposed sabbatical leave I intend both to write a textbook on interviewing, counseling, and negotiation (as solicited by Carolina Academic Press) and to develop a plan to reimagine and revitalize the College of Law's Academic Success Program. The measurable outcomes of the sabbatical will be a complete or nearly complete textbook and a written plan and proposal for rebuilding and implementing an academic success protocol that spans the three-year curriculum for the College.

Glover, Mark	Professor	Spring	2022-2023
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Dr. Mark Glover will use his proposed sabbatical leave to engage in time intensive empirical research of probate records, including probate court dockets, estate planning documents, and filings and court orders related to estate disputes. In particular, he will use my sabbatical to compile a dataset of probate matters that includes every estate that was opened in one probate court over the course of one year, and for each matter, he will collect specific data regarding the decedent's estate plan and the administration of the decedent's estate. Once he compiles the dataset of probate matters, his goal is that it will be the foundation for a line of research addressing specific questions about the probate system, and he anticipates that he will complete the first article that utilizes this data by the end of the summer following his sabbatical.

Novogrodsky, Noah	Professor	Spring	2022-2023
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Dr. Noah Novogrodsky will use his proposed sabbatical leave to produce a study on the human right to water in view of the Chile v. Bolivia case before the International Court of Justice. The proposed travel to Chile and the Hague, and related teaching relief at UW, is essential to the timely completion of the project. At the conclusion of the sabbatical leave, he expects to produce at least one article or book-length monograph on the emerging human right to water, for application in both international and domestic contexts.

WyGISC

<u>Name</u>	<u>Rank</u>	<u>Period</u>	<u>Year(s)</u>
Hodza, Paddington	Senior Research Scientist	Spring	2022-2023

Dr. Paddington Hodza's proposed sabbatical will focus on research that will adapt and leverage the technologies and capabilities of spatial data science (SDS) to examine second-order impacts of COVID-19 pandemic on households at the interplay between access to urban livelihood and educational systems. This research will take place in Harare, Zimbabwe which provides an ideal place to examine the application of data-driven and data-intensive SDS in historically data poor regions of the world. At the end of his sabbatical, Dr. Hodza will share his research at one or more conferences and publish at least one peer-reviewed article. He will also incorporate his experiences into the classroom to help students better appreciate international SDS research.