

## 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 Arts & Sciences

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

<b>Kelly, Robert</b>	Professor	Academic Year	2019-2020
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Dr. Kelly will use his sabbatical to collaborate with researchers in Germany (U. Tübingen) and the United Kingdom (U. Cambridge) to investigate a key problem in human evolutionary science: when and why did humans develop the capacity for culture? He will also continue working on a new book, a follow-up to his 2016 popular book, *The Fifth Beginning*, on the prehistory and history of the US. Finally, he will spend two months in China, seeking to open new collaborative research on the archaeology of China. From this first project, he expects to produce an article in *Science*, *Nature*, or *Proceedings of the National Academy of Sciences*; from the second, a general audience book; and from the third, a possibly new international research area.

#### *Department of Botany*

<b>Williams, David</b>	Professor	Academic Year	2019-2020
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Dr. Williams will use his sabbatical to nurture productive international collaborations with several of the top isotope hydrology and biogeochemistry research groups in the world at ETH Zurich Switzerland, The University of Western Australia, and Flinders University Australia. (2) proposed activities he will share the first half of his sabbatical time in Australia split between The University of Western Australia with Professor Pauline Grierson's Ecosystems Research Group and Flinders University with Huade Guan at the National Centre for Groundwater Research and Training. He will develop research proposals, and share measurement (UWA) and modeling (FU) techniques addressing the compartmentalization of water flows through soils that shape patterns of plant water and nutrient uptake. Dr. Williams will spend the second half of his sabbatical at ETH Zurich working with Professor Nina Buchmann, Chair of Grassland Science, to develop isotopic techniques for tracing microbial nitrogen transformations and budgets. From his sabbatical he hopes to accomplish funded proposals in Australia and Switzerland including UW as a partner, development of improved techniques for tracing water and nitrogen cycling in forest and rangeland soils, and published peer-reviewed papers.

*Department of Chemistry*

**Basile, Franco** Professor Academic Year 2019-2020

Dr. Basile will use the sabbatical leave is to gain hands-on experience in the use of three new state-of-the-art mass spectrometers in his lab and at the CSU-Mass Spectrometry Core Facility, and to become skilled in the use of the associated data analysis and bioinformatics software. Accordingly, his proposed activities during this sabbatical will involve the analysis of proteins and lipids in several species of microorganisms and environmental samples using these advanced analytical techniques and software tools. Combined, these activities are expected to result in at least one publication (lipid work) and a research proposal (protein work) related to the Mass Spectrometric analysis of biological and ecological samples, while at the same time enhance his knowledge, collaborative capacity, and teaching expertise in the area of Analytical Chemistry.

*Department of Chemistry*

**Leonard, Brian** Associate Professor Spring 2019-2020

Dr. Leonard will use his sabbatical to travel to Germany and learn a new computational chemistry approach from Dr. Richard Dronskowski who developed software that greatly speeds up the calculations of complex solid systems while still maintaining accuracy. This leave will have several outcomes including allowing Dr. Leonard to develop a robust cutting-edge computational research program that compliments his current experimental program in solid state chemistry and take advantage of the departmental and campus-wide computational resources available at UW. He will also transfer this knowledge to his graduate students and develop a solid-state computational course to teach students in materials science programs this new technique. Finally, he will also establish an international collaboration with a leader in the field of solid-state computational chemistry which will lead to scientific presentations and publications in the coming year.

*Department of Criminal Justice and Sociology*

**Holmes, Malcolm** Professor Academic Year 2019-2020

Dr. Holmes will use his sabbatical to collaborate with colleagues at the University of Utah on an innovative oral-history study of police-minority relations in El Paso, TX. The sabbatical leave will accomplish several goals, including: broadening current research interests; writing scholarly articles based on this research project; developing a new course in the Criminal Justice & Sociology curriculum; fostering inter-institutional ties with faculty at the University of Utah; and consulting with those faculty about strategies for recruiting new students to the Sociology program in accordance with goals of the new academic plans.

*Department of Geography*

**Shinker, Jacqueline** Associate Professor Spring 2019-2020

Dr. Shinker will use her sabbatical leave to collaborate with researchers at the University of Granada, Spain to use high-resolution climate models to understand atmospheric controls that lead to large fires and prolonged drought on the Iberian Peninsula. Results from Dr. Shinker's sabbatical work are relevant to understanding ecosystems, agricultural resources and water resource management mitigation strategies for responding to drought and fire in arid and semi-arid regions like Spain, Wyoming and the intermountain West. Dr. Shinker's sabbatical will support UW international collaborations related to the nexus of climate, drought and water resources applicable to both research and teaching at UW.

*Department of Geology and Geophysics*

**Riebe, Clifford** Associate Professor Academic Year 2019-2020

Dr. Riebe will use his sabbatical leave to develop new expertise in laboratory based investigations of the near-surface processes that shape mountain landscapes. The proposed work has high professional development value, strongly complementing Dr. Riebe's current research, which has focused on field-based studies of chemical weathering and physical erosion in mountain landscapes. The proposed

work likewise has high potential value to UW: By adding a new mechanistic dimension to Dr. Riebe's studies, he will strive to stay on the cutting edge of research in his field, so that he can continue to raise the research profile of the university, adding to his string of successful graduate students and his growing list of publications in high-impact journals. Dr. Riebe will also use the sabbatical leave to improve his environmental data analysis course: In his time away from the classroom, he will write chapters for a forthcoming book on the topic and record lecture videos so that he can "flip" the course for future students and offer it through UW's Distance Education program. Dr. Riebe's sabbatical goals are well aligned with the University of Wyoming's strategic goals on at least two fronts: improving the university's research profile and modernizing the educational experience of its graduate and undergraduate students.

*Department of Mathematics and Statistics*

<b>Lee, Long</b>	Professor	Spring	2019-2020
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Dr. Lee will use the sabbatical semester to lead a team of data scientists for conducting the research of influenza forecasting in the Rocky Mountain metropolitan area. The team members include a mathematical modeler (the PI, Dr. Long Lee at UW), a physical geographer who specializes in data collection and geographic information system (Dr. Chen Xu at UW), a Bayesian statistician (Dr. Pavel Chernyavskiy at UW), a biostatistician (Dr. Snehalata Huzurbazar at the West Virginia University), and an expert in artificial intelligence (Dr. Dongyang Kuang at University of Ottawa). The team will develop a flu forecasting system by incorporating the Twitter data collected in the Rocky Mountain area into a combined model of a dynamical system and a Bayesian discrepancy estimator. The purpose of the sabbatical request is to release time for Dr. Long Lee to travel among the three places. When succeeds, the project will compete in the flu forecasting challenge held annually by the Centers for Disease Control and Prevention (CDC).

*Department of Modern and Classical Languages*

<b>Alexandrova, Ekaterina</b>	Associate Professor	Academic Year	2019-2020
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Dr. Alexandrova will use her sabbatical leave to complete a book project on the fictional portrayal of suicide in Enlightenment France. This project investigates the birth of suicide as a modern phenomenon, and highlights the close connections between the fictional treatment of suicide and philosophical thought on the subject in an age that placed an unprecedented importance on individual happiness yet paradoxically saw suicide rates skyrocket. Dr. Alexandrova will conclude necessary research at the Bibliothèque nationale de France in Paris, and complete the first draft of the manuscript by May 2020.

*Department of Modern and Classical Languages*

<b>Checa-García, Irene</b>	Associate Professor	Fall	2019-2020
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Dr. Checa-García will use her sabbatical to collect and analyze data on lexical development (complexity of vocabulary used) in different types of Spanish speakers: monolingual native speakers with and without some language impairment, bilingual heritage speakers (Spanish spoken at their home in the US), and learners of Spanish with and without study abroad experience. She will visit University of California, Santa Barbara, University of Granada, Spain, and the Center for Cognition and Language in Vaparaíso, Chile. Results will be published in four different coauthored papers and one single authored paper. They will be further disseminated in a workshop on lexical development through the lifespan, a proposal for a collective volume based on the contributions to the workshop edited by Dr. Checa-García, and a seminar for graduate students in Wyoming taught by one of the project collaborators, Dr. Manjón Pozas.

*Department of Music*

<b>Guzzo, Anne</b>	Associate Professor	Academic Year	2019-2020
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Dr. Guzzo will use her sabbatical to compose two new pieces of music that have been commissioned by two different professional chamber ensembles—in order to support this work, she will attend one 3-

month summer composition residency at the UW-NPS Research Station in the Grand Tetons, and will apply for several other composer residencies. A second focus will be to promote and tour with her most recent work, a one-hour chamber opera called *Locust: An Environmental Murder Mystery*. Finally, in preparing for the Music Department's new emphasis on entrepreneurship, she plans to write a manual that will help guide faculty and students who are interested in being professional music creators, publishers, composers, and arrangers.

*Department of Music*

**Wu, Chi-Chen** Associate Professor Academic Year 2019-2020

Dr. Wu will use her sabbatical to develop and expand new researches and teaching directions addressing modern performance practice, German composer Johannes Brahms's instruments and performance style for his duo sonatas, and musical nationalism. Her proposed activities include collaborations with a composer at Boston College, a violin professor at the Norwegian Academy of Music (NAM) in Norway, and a string quartet in Taiwan. Outcomes include: two recordings that will be released on *Musica Omnia*, a record label with international distribution and concerts in Europe and Taiwan as well as across the US. The new researches will contribute to expanding the course content of classes she teaches. Her concerts will increase UW's reputation and visibility, which consequently helps recruit international students and enhance UW's global relevance. She will also meet with faculty at NAM to discuss potential exchange programs and collaborations between the two schools.

*Department of Philosophy and Religious Studies*

**Lockwood, Jeffrey** Professor Fall 2019-2020

Dr. Lockwood will use his sabbatical to undertake a series of artist-in-residence opportunities at National Parks across the United States to generate a book-length collection of short, non-fiction writing about America's public lands, including lesser known and unappreciated ecosystems. The overall concept for the book is to create a set of highly accessible pieces (6-600 words) derived from specially designated and culturally valued lands that allow a general reader to ponder the aesthetic value and our ethical obligations to the natural world—as well as one another—and to extend this understanding to familiar places and people that are outside the backdoor and around the corner from where we live.

*Department of Physics and Astronomy*

**Jang-Condell, Hannah** Professor Academic Year 2019-2020

Dr. Jang-Condell will use her sabbatical working with area scientists on projects on the forefront of exoplanet science in Boulder, CO. She will spend one semester working with collaborators at the University of Colorado on discovery and characterization of exoplanets, with specific focus on follow-up of planet candidates identified by the recently launched Transiting Exoplanet Science Satellite (TESS) mission. She will spend the second semester collaborating with experts in planet formation at the Southwest Research Institute to model signatures of planet-disk interactions in debris disks. These activities will strengthen Dr. Jang-Condell's collaborations with these groups, leading to expansion of her research program, production of new publications, and potential for grant proposals.

*Department of Psychology*

**Gray, Matthew** Professor Fall 2019-2020

Dr. Gray will use his sabbatical developing and expanding Adaptive Disclosure – Enhanced – an intervention designed to treat combat veterans who are not adequately helped by existing PTSD treatments. Many service members and veterans experience significant post-deployment emotional and psychological impacts as a result of their service in addition to or instead of PTSD. They typically experience a treatment-disorder mismatch when presenting for services in the VA, as they often get PTSD treatments for alternate combat-related difficulties. Not surprisingly then, outcomes are worse and attrition is higher when applying conventional PTSD treatments for these presenting issues. Dr.

Gray and his associates have already developed and demonstrated significant gains in treating active duty service members with an approach that we developed utilizing Department of Defense funding – Adaptive Disclosure (Litz, Lebowitz, Gray & Nash, 2016: Adaptive Disclosure – A New Treatment for Military Trauma, Loss and Moral Injury). The intent of the proposed sabbatical is to expand this treatment (Adaptive Disclosure – Enhanced) for use with Veterans in the VA system. This will afford a more diverse and appropriate array of treatment options for Veterans that will improve mental health outcomes and reduce treatment drop-out. Because of the need to access large numbers of Veterans and the need to conduct focus groups and train/supervise therapists in this treatment development project, this effort will require extensive on-location work in Boston. Dr. Gray will be partnering with Brett Litz, the Director of the Mental Health Core of the Massachusetts Veterans Epidemiological Research and Information Center at the VA Boston Healthcare System. It is expected that this effort will result in at least one empirical publication, a published book/treatment manual, and a Department of Defense/Veterans Health Administration grant proposal.

*Department of Visual and Literary Arts*

**Haydon, Margaret** Professor Fall 2019-2020

Ms. Haydon will use her sabbatical leave to attend the Biophilia Program at the Ayatana Artist's Research Residency in Ontario, Canada, followed by a residency/work period at Est-Nord-Est, Quebec, Canada. During this sabbatical she will continue to expand her experience and knowledge through interaction with various experts in the field of Biology about particular species and systems she has been working with and interpreting for more than 9 years. The intended outcomes include: crucial experience and information through fieldwork that will inform my studio practice: the creation of collaborative working experiences with Canadian colleagues; and the bolstering of teaching practice with new ideas and methods to share with her colleagues and students.

*Department of Zoology and Physiology*

**Cherrington, Brian** Associate Professor Fall 2019-2020

Dr. Cherrington will use his sabbatical is to determine the underlying cause for increased rheumatoid arthritis in women. Arthritis is a debilitating chronic disease that inflicts huge burdens on patients and is estimated to cost the US economy \$156 billion annually. For unknown reasons, women have a 3 fold higher incidence of rheumatoid arthritis than men. Dr. Cherrington will conduct research studies with a clinical rheumatologist at the University of Colorado in Denver to determine the mechanism underlying this health disparity. Measurable outcomes for success of this project include submission of a proposal for external funding and publication of journal articles to help achieve the objectives of UW Strategic Goal One and the Science Initiative. Equally important, the work could lead to the development of novel diagnostic tests and treatments to improve health outcomes and decrease costs for rheumatoid arthritis patients.

*Department of Zoology and Physiology*

**Navratil, Amy** Associate Professor Spring 2019-2020

Dr. Navratil will use her sabbatical to conduct research that will lay the groundwork for insight into the mechanisms of Polycystic ovary syndrome (PCOS) and novel treatments for impaired reproductive function in women. PCOS is the most common endocrine disorder among women of fertile age, with upwards of 10% of women being affected worldwide. The disorder includes metabolic dysfunction and is strongly associated with obesity and diabetes. Expected outcomes from her sabbatical include high impact publications, clinical professional development, and a collaborative grant submission to the National Institutes of Health. Additionally, she will use her training from the science initiative (LAMP) to incorporate active learning into the Physiology core classes taken by all pre-health majors at the University.

*Department of Zoology and Physiology*

**Pratt, Kara** Associate Professor Fall 2019-2020

Dr. Pratt will use her sabbatical to learn advanced molecular and imaging techniques that will add a new dimension to the lab's wheelhouse and promote novel discoveries about neural system development, the focus of our research at the National Xenopus Resource at the Marine Biology Laboratory in Woods Hole, MA. Given that the National Xenopus Resource serves as a training center for these techniques, the proposed activities are centered on learning and practicing them. The intended long-term outcomes are to apply the acquired approaches in creative ways to both research and course laboratories, and to share them with other scientists here at the University of Wyoming.

*School of Politics, Public Affairs, and International Studies*

**Aiken, Nevin** Associate Professor Academic Year 2019-2020

Dr. Aiken will use his sabbatical leave to travel to Northern Ireland and South Africa to complete the field research and writing for his second book manuscript, *The Distributive Dimension in Transitional Justice*, which explores how the reconciliatory potential of justice interventions designed to respond to gross human rights violations are impacted by the continued existence of socioeconomic deprivation and inequality in post-conflict societies. For the duration of his sabbatical research, Dr. Aiken will be a Visiting Research Fellow at the prestigious Senator George J. Mitchell Institute for Peace, Security and Justice at Queen's University Belfast. Measurable outcomes of this sabbatical research will include a book manuscript, several peer reviewed articles and research presentations, the further development of existing undergraduate and graduate courses at UW and the creation of numerous international study abroad, exchange and research opportunities for UW faculty and students.

**College of Education**

<u>Name</u>	<u>Rank</u>	<u>Period</u>	<u>Year(s)</u>
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*School of Teacher Education*

<b>Leonard, Jacqueline</b>	Professor	Academic Year	2019-2020
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Dr. Leonard will use her sabbatical to extend The Bessie Coleman Project, to project sites in Virginia, Maryland, and Pennsylvania by engaging in activities such as teaching at George Mason University and the Baltimore Boys & Girls Club (fall 2019), conducting research at Drexel University and school sites in Philadelphia (spring 2020), and consulting with MER Associates, LLC, to apply culturally responsive theoretical frameworks to educational research and evaluation that broaden STEM participation across the K-16 continuum throughout the 2019-2020 academic year. The Bessie Coleman Project advances the National Science Foundation's initiative to increase students' motivation and capacities in STEM through computer modeling, flight simulation, and drones, which are used to examine underrepresented fourth, fifth, and sixth graders' computational algorithmic thinking within a culturally responsive context. Project outcomes include co-authoring a book as well as two peer-reviewed articles and two conference proceedings that focus on cultural responsiveness, computational algorithmic thinking, and/or effective evaluation of STEM projects.

**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*

<b>Ahmed, Mohamed</b>	Associate Professor	Academic Year	2019-2020
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Dr. Ahmed will spend his sabbatical at the US Federal Highway Administration (FHWA), Office of Research, Development, and Technology (RD&T) - Turner-Fair Bank Highway Research Center (TFHRC) in McLean, Virginia. As a Renowned Visiting Professor at the FHWA TFHRC, this position will allow him to work closely with the US government officials, policy makers, and distinguished researchers on advanced and applied research related to Emerging Transportation Technologies. He expects to gain more knowledge on the Connected and Automated Vehicle, Truck Platooning, Road Weather Management and Road Weather Information Systems, Human Factors, and Traffic Safety.

During his time there, he will be working on developing research proposals that will help the Wyoming Department of Transportation to achieve some of its mission towards more advanced transportation solutions. He will be also helping the FHWA TFHRC Operations Research and Development (R&D) and Safety R&D offices to develop research statements and request for proposals.

*Department of Civil & Architectural Engineering*

**Ng, Kam Weng** Associate Professor Spring 2019-2020

Dr. Ng will use his sabbatical leave to expand his research and teaching on rock mechanics and geomechanics that are vital for achieving his long-term goal of developing a research and teaching program on energy geotechnics. He will conduct laboratory experiments and take graduate courses at the King Abdullah University of Science and Technology (KAUST), Saudi Arabia. The experience gained will help Professor Ng to secure external funding on energy geotechnics and develop a graduate course on experimental rock mechanics and geomechanics. The outcomes will provide the foundation for establishing a Center of Excellence for Geomechanics in the next five years to further strengthen the UW community already renowned in research and teaching related to energy.

*Department of Computer Science*

**Banic, Amy** Associate Professor Spring 2019-2020

Dr. Banic will use her sabbatical is to “break through” and advance research of how to design better ways of 3-dimensional interaction (3D UI) for Virtual and Augmented Reality (VR/AR). This will be done by combining 3D UI with tangible user interfaces, tactile haptics, and advanced input/sensing of human data, therefore “bringing tomorrow’s opportunities” of next generation Virtual Reality “to students at the University of Wyoming”. The proposed activities involve collaborating with researchers from the ATLAS institute at University of Colorado Boulder and HP Inc./HP Labs to investigate and invent novel 3-dimensional user interaction (3D UI) techniques. Specifically, they will study how physical materials can be combined to provide new input to VR/AR, implement these techniques, and conduct experiments to determine effectiveness. They will investigate the use of human data (i.e. brain signals, skin output, heartrate, etc.) to directly influence how a user interacts. These approaches will expand and improve sensing capabilities of human movement and effective use of VR/AR applications of training, healthcare, education, science, arts, workflow, and safety. The intended measurable outcomes include: 1) a novel research program to provide activities for graduate and undergraduate students not yet available at the University of Wyoming, 2) one to two new courses in emerging technology developed for the University of Wyoming, 3) a submitted collaborative research proposal to an external funding agency 4) research publications demonstrating cutting-edge advancements in the proposed research field, 5) efforts to establish a long term partnership with a major technology company, and 6) important professional growth.

*Department of Electrical and Computer Engineering*

**Duan, Donliang** Associate Professor Academic Year 2019-2020

Dr. Duan will use his sabbatical to further the reputation of his research in power systems both nationally and internationally while addressing department, college, and university objectives. This will be accomplished by visits to the Pacific Northwest National Laboratory and the Shenzhen Research Institute of Big Data at Chinese University of Hong Kong (Shenzhen) to participate in interdisciplinary projects on the application of data analytics in power system monitoring, which will enrich Dr. Duan’s current research and provide opportunities for him to have extensive interactions with the industries. The outcome of this sabbatical will be publications on top journals in the field and increased interactions with important groups to solidify our reputation as well as proposals for future research.

*Department of Mechanical Engineering*

**Fertig, Ray** Associate Professor Fall or Spring 2019-2020

Dr. Fertig will use his sabbatical to leverage his existing materials research expertise to establish a new research trajectory: using artificial intelligence/machine learning to create new classes of biolike composite materials. The proposed activity tightly aligns with College and University initiatives in both materials science and artificial intelligence. Recently, Dr. Fertig was awarded seed funding for an EI cluster as a co-PI to develop an Artificially Intelligent Manufacturing (AIM) center of excellence. The proposed effort will lay the foundation for this center in terms of using AI to design composite materials. The primary outcome will be a state-of-the-art software package that will be used by researchers within the AIM center of excellence for advancement of artificial intelligence for materials design. Additional outcomes will be publication of a seminal manuscript detailing the methodology developed and submission of a proposal to help secure external funding for a center for the AIM center.

*Department of Mechanical Engineering*

**Frick, Carl** Associate Professor Fall or Spring 2019-2020

Dr. Frick will use his sabbatical to collaborate with start-up Impressio, Inc., (a company he co-founded last year) which is aimed at developing new padding for football and military helmets to decrease incidence of concussion and CTE. The liquid crystalline padding product was derived, in part, from research performed in Dr. Frick's laboratory over the last five years. This fall semester sabbatical aligns directly with Goal #1 of the UW Strategic Plan fostering entrepreneurship, and will result in: (1) multiple SBIR/STTR proposals submitted; (2) enhanced relationships with federal funding agencies focused on helmet technology such as ARO, AFRL, ONR, NASA, and others; (3) high-profile product development stemming from UW research; (4) substantially safer helmets.

**College of Law**

<u>Name</u>	<u>Rank</u>	<u>Period</u>	<u>Year(s)</u>
<b>Delaney, James</b>	Professor	Spring	2019-2020

Professor Delaney will use his sabbatical to co-author a legal treatise with two other co-authors in the areas of trusts, estates and U.S. federal taxation of estates and gifts. During the course of his sabbatical, he projects that he will be able to prepare two (of approximately 7) chapters of the book. In this project he seeks to expand his knowledge on the U.S. system of estate and gift taxation and he anticipates that this foundational work will inform his teaching and strengthen the national reputation of the University and the College of Law.

**Plumb, Tawnya** Associate Librarian Spring 2019-2020

Ms. Plumb will use her professional development leave to focus on a project that advances state access to justice initiatives by taking Legal Research on the Road, training Wyoming librarians and citizens on conducting legal research. Ms. Plumb will survey public, community college, and tribal librarians across the state to identify unmet legal research needs, create and deliver tailored presentations and resources, and assess and report on the legal research needs of the state in a formal publication. Prior to her leave, Ms. Plumb will pursue collaborative opportunities with UW's Office of Engagement and Outreach and with Equal Justice Wyoming and apply for a Wyoming Community Foundation grant to support travel.

**University Libraries**

<u>Name</u>	<u>Rank</u>	<u>Period</u>	<u>Year(s)</u>
<b>Kruger, David</b>	Librarian	February – August	20202019-2020

Mr. Kruger will use his sabbatical to conduct research for a historical biography (book) that addresses the life of William "Mil" Batten and his significant and innovative contributions to American

business, largely through his nearly sixty-year career with J. C. Penney and later the New York Stock Exchange. His proposed activities will involve primary research through personal interviews and J. C. Penney archival collections during the first month of the sabbatical, followed by organization and synthesis of research sources in the second and third months, and actual writing of the book manuscript in the final three months. His intended measurable outcomes from this sabbatical are to complete the manuscript for this book in polished form, submit the manuscript to an academic publisher within thirty days of his return to the University of Wyoming, and present two formal talks, one covering the sabbatical for University Library faculty and staff and the other addressing the content of the research (book) for the University community at large.

### Academic Professionals – Professional Development Leaves

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 Arts & Sciences

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

<b>Bergstraesser, Paul</b>	Senior Lecturer	Spring	2019-2020
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Mr. Bergstraesser will use his professional development leave to concentrate on his creative work in earnest – more specifically, a book-length work of poetry. In addition, I see my duty as a writer-teacher encompassing not only furthering my artistic knowledge but also translating that new knowledge to the classroom. In light of this, he also plans to use his creative research to help plan two new COM2 courses as well as polish the curriculum of a First Year Seminar he will be teaching for the first time in Fall 2019.

<b>Stewart, Joyce</b>	Senior Lecturer	Spring	2019-2020
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Ms. Stewart will use her professional development leave to conduct research on student learning and using multimodal instruction, a teaching approach in which students learn material through a number of different sensory forms. This research examines how multimodal writing and reading assignments with an emphasis on sensory learning (audio, tactile, visual, kinesthetic, etc.) might meet the diverse learning needs of first-year students and thus provide useful information on ways to improve first-year student retention efforts and students' transition to the university. She will assess student-created non-digital multi-sensory texts, distribute and analyze student surveys and, conduct and analyze student interviews,

*Department of Geology and Geophysics*

**Dewey, Janet** Associate Research Scientist Fall 2019-2020

Ms. Dewey will use her professional development leave to complete the research, field photography, and writing of the book “Roadside Geology of Wyoming, 3rd edition” to be published by Mountain Press. She will also attend advanced training in chromatography software as part of her preparation for writing an applied laboratory manual on geochemical analytical methods. The draft of Roadside Geology of Wyoming will be submitted in January 2020; a laboratory manual will be completed in August 2020. The laboratory manual will provide a synthesis of applied geochemical methods commonly used in undergraduate and graduate research. The Roadside Geology of Wyoming provides a means of engagement and communication with the public and supports UW’s contributions to public education and tourism within the state.

*Department of Visual and Literary Arts*

**Russel, Bailey** Associate Lecturer Spring 2019-2020

Mr. Russell will use his professional development leave to improve his teaching on an array of levels. Mr. Russel teaches all levels of photography in the Visual Arts Program at the University of Wyoming and will propose to collaborate with an array of institutions and professional photographers to improve both his technical and conceptual abilities as a teacher. To this end he will work at Humboldt State University and Arizona State University building complex upper division classes with collaborators along with spending time in New York City working with professional photographers to improve his traditional and digital editing and printing capabilities.