

**Professional Leave 2021-2022
March, 2021**

Elizabeth S. Chilton, Provost and Executive Vice President, reports that she has approved the professional leaves listed below and that there will no additional costs to the University for this program.

Carson College of Business

1. Chadwick Miller
Department of Marketing and International Business
Leave Period Requested: August 16, 2021 - May 15, 2022
Purpose of Leave: Proposing three components of a 9-month professional leave that includes developing a new research stream, developing a new analytics course for the Department of Marketing and International Business, and further investing in the Carson College's focus on international programs.
2. Leah Sheppard
Department of Management, Information Systems, and Entrepreneurship
Leave Period Requested: January 1 - May 15, 2022
Purpose of Leave: Will devote particular attention to a new sub-area of research within the gender stereotyping literature: exploring the existence of a "motherhood premium".

College of Agricultural, Human, and Natural Resource Sciences

3. Brittany Cooper
Department of Human Development
Leave Period Requested: August 16, 2021 - May 15, 2022
Purpose of Leave: Advance scholarship evaluating the role of intermediary organizations in translating prevention science to practice; enhance my mixed methods research skills; and submit a grant proposal to obtain external funding to test a novel collaboration framework for prevention researcher-public system-workforce partnerships.
4. Gregmar Galinato
School of Economic Sciences
Leave Period Requested: January 1 - May 15, 2022
Purpose of Leave: Visit the Department of Economics in the University of the Philippines at Los Banos to undertake new research on the evaluation of organic vegetable production on farm household welfare using randomized controlled trials. This is the first research project in their department that uses this novel methodology.

5. Hang Liu
Department of Apparel, Merchandising, Design, and Textiles
Leave Period Requested: August 16 - December 31, 2021
Purpose of Leave: Textile waste recycling has become an important topic in industry to develop circular economy. This project aims to further investigate the cotton waste chemical recycling technology developed at WSU, which uses green chemicals to dissolve cotton waste and wet spin regenerated fibers, for industry adoption and commercialization.
6. John Reganold
Department of Crop and Soil Sciences
Leave Period Requested: August 16 - December 31, 2021
Purpose of Leave: Collaborate with scientists, Drs. Claire Kremen, Milind Kandlikar, Navin Ramankutty, Sean Smukler, and Hannah Wittman, in the Institute for Resources, Environment, and Sustainability at the University of British Columbia (UBC), Vancouver, Canada, on international agricultural sustainability projects to expand on-going research at WSU.
7. Robert Simmons
Agriculture and Natural Resources Program Unit
Leave Period Requested: September 1, 2021 - May 31, 2022
Purpose of Leave: This project will provide knowledge, skills, and professional networks to accelerate the development of a seaweed industry in the Pacific Northwest. Seaweed mariculture is a market-based strategy that can improve local economies, support native American cultural values, sequester carbon, improve water quality, and support healthy ecosystems.

College of Arts and Sciences

8. Mary Bloodsworth-Lugo
School of Languages, Cultures, and Race
Leave Period Requested: January 1 - May 15, 2022
Purpose of Leave: Complete a book on the relationship between public discourse and ideology surrounding 9/11 and American anxieties concerning contagious threats, including pandemic threats. This book was initiated prior to the COVID-19 pandemic and is being modified and expanded to incorporate it.
9. Joseph Campbell
School of Politics, Philosophy, and Public Affairs
Leave Period Requested: January 1 - May 15, 2022
Purpose of Leave: Complete research for a manuscript that I hope to finish in summer 2022. Much of the manuscript will be completed in 2021. The last part of the book is the focus of the sabbatical, working with experts in my area in Tucson.

10. Laurie Drapela
Department of Criminal Justice and Criminology
Leave Period Requested: August 16, 2021 - May 15, 2022
Purpose of Leave: Recent evidence indicates autism suffers from implicit bias among persons working with youth, with white juveniles receiving rehabilitative services and youth of color receiving discipline. The proposed autism training curriculum improves cultural competence among juvenile probation counselors, judges, and detention officers to improve service to justice-involved youth of color.
11. Brigit Farley
Department of History
Leave Period Requested: August 16 - December 31, 2021
Purpose of Leave: This project consists of a translation/annotation of *Clouds over the City 1914-18*, Dr. Slavka Mihajlovich's memoir of doctoring in occupied Belgrade during the Great War. A detailed introductory essay on the Serbian war will place the memoir in appropriate context.
12. Patricia Glazebrook
School of Politics, Philosophy, and Public Affairs
Leave Period Requested: August 16 - December 31, 2021
Purpose of Leave: USDA-funded animal welfare research on public acceptance of food products from cows gene-edited to prevent horn growth and avoid painful horn removal. Data collection uses social media, surveys, and interviews.
13. Rudyne Grigar
Creative Media & Digital Culture Program
Leave Period Requested: August 16, 2021 - May 15, 2022
Purpose of Leave: This request for professional leave focuses on the production of two co-authored books and potentially the oversight of a project funded by the National Endowment for the Humanities' Humanities Collections and Reference Resources grant.
14. William Hamlin
Department of English
Leave Period Requested: August 16, 2021 - May 15, 2022
Purpose of Leave: Conduct research in Pullman, New York, London, and Oxford on the cognitive phenomenon of belief as it manifests itself in multiple religious traditions. Focus particularly on faith and doubt within spiritual autobiographies from around the world and also design a new global-humanities seminar for WSU's Honors College.

15. Joseph Hedges
Department of Fine Arts
Leave Period Requested: August 16, 2021 - May 15, 2022
Purpose of Leave: Informed by research about paintings from the Italian Renaissance, create a new body of intermedia works that combine oil painting and new media. Disseminate the work through participation in several publications, artist talks, and exhibitions including a solo exhibition at the University of Kentucky.
16. Hanjo Hellmann
School of Biological Sciences
Leave Period Requested: August 16 - December 31, 2021
Purpose of Leave: The proposed activities to be done at WSU-Pullman Fall 2021 comprise the generation of genetically modified plants and their subsequent analysis. These plants are vital to support an existing USDA project for which progress had been delayed due to COVID-19 restriction.
17. Stephen Henderson
School of the Environment
Leave Period Requested: August 16, 2021 - May 15, 2022
Purpose of Leave: Extend research on the antecedents and consequences of parental financial support to young adults. Data from the Panel Study of Income Dynamics Transition to Adulthood Supplement will be assembled and analyzed for the period of 2005-2017.
18. Christine Horne
Department of Sociology
Leave Period Requested: August 16, 2021 - May 15, 2022
Purpose of Leave: Propose a book that will synthesize research across disciplines to propose a theory addressing fundamental questions about norms. The theory will be applied to explain norms in important contexts (e.g. challenges to democracy, interracial relationships, status hierarchies).
19. Monica Johnson
Department of Sociology
Leave Period Requested: January 1 - May 15, 2022
Purpose of Leave: Extend research on the antecedents and consequences of parental financial support to young adults. Data from the Panel Study of Income Dynamics Transition to Adulthood Supplement will be assembled and analyzed for the period of 2005-2017.

20. ChulHee Kang
Department of Chemistry
Leave Period Requested: August 16 - December 31, 2021
Purpose of Leave: The requested professional leave will be used in support of a nascent area of research that will develop the science of bioremediation (supported by the NSF-CHE), biofuel (supported by the NSF-MCB) and to develop a new course entitled "Concepts/Applications of X-Ray Crystallography".
21. Marc Kramer
School of the Environment
Leave Period Requested: August 16, 2021 - May 15, 2022
Purpose of Leave: Seek new external funding to investigate soil organic matter and chemical weathering on agricultural lands and tropical forests; publish current USDA-funded pedogenic thresholds project results; and develop new concepts, proposals, and papers working with colleagues at Linfield College, WSU and James Cook University.
22. Ursula Mazur
Department of Chemistry
Leave Period Requested: August 16 - December 31, 2021
Purpose of Leave: Conduct concerted synthesis of multimeric metallotetrapyrroles (MTP), which will be critical for the successful renewal of the currently funded NSF project: "Cooperative dynamics in ligand binding reactions at the solution/solid interface."
23. Shannon Scott
School of Music
Leave Period Requested: January 1 - May 15, 2022
Purpose of Leave: Proposed activities are to research the current status of female clarinetists in France via interviews and work in the archives of the Conservatoire National Supérieur de Musique et Dance in Paris, France. Topics include education, employment, and position/financial parity with male clarinetists, and implications for future status of French female clarinetists.
24. Carol Siegel
Department of English
Leave Period Requested: August 16 - December 31, 2021
Purpose of Leave: Write a book focused on the development of my pedagogy. Two conference papers will start the project. One will detail the adaptation of techniques that have worked in the classroom for 40 years to the distance learning necessitated by the COVID-19 pandemic.

25. Andrew Storfer

School of Biological Sciences

Leave Period Requested: August 16, 2021 - May 15, 2022

Purpose of Leave: Proposed study leave activities will leverage existing grant support to study cancer evolution in Tasmanian devils to: 1) develop eco-evolutionary models that predict disease effects at Griffith University; 2) predict evolution in response to disease at ANU, and 3) better understand the adaptation of rapidly invading insects at Macquarie University.

26. Pamela Thoma

Department of English

Leave Period Requested: August 16, 2021 - May 15, 2022

Purpose of Leave: The objective for this Pullman-based research leave is to complete a monograph in progress titled *Fertility Panics: Neoliberal Crisis and Bioeconomic Cure in Popular Narratives of Decline*. Contributing to public understanding of the COVID-19 pandemic, it explores crisis in cultural narratives about imperiled reproductive capacity and associated processes of reproduction.

27. Shannon Tushingam

Department of Anthropology

Leave Period Requested: August 16, 2021 - May 15, 2022

Purpose of Leave: Transformative scholarly activities, publications, and exploration of new research avenues, interdisciplinary collaborations, and Tribal partnerships, facilitate high-risk/high-reward studies of "First Peoples-First Foods: Ancestral Diet Science to Build and Maintain Resilience and Sustainable Food Security Solutions for Indigenous Communities" and "Beyond Processors: Leadership, Risk, and Decision-Making Among Women in Anarchic Societies."

28. Clare Wilkinson

Department of Anthropology

Leave Period Requested: August 16, 2021 - May 15, 2022

Purpose of Leave: To write, submit for review, and revise a book based on five years of research in India. Completion does not depend upon travel but visits to India and UK will be conducted, if the COVID pandemic allows.

29. Ashley Wright

Department of History

Leave Period Requested: August 16, 2021 - May 15, 2022

Purpose of Leave: Finish writing a book on marginal women in British-ruled India and Burma.

30. Hong-Ming Yin

Department of Mathematics and Statistics

Leave Period Requested: January 1 - May 15, 2022

Purpose of Leave: Conduct new research on some nonlinear problems arising from applied sciences such as in fluid mechanics and biological sciences. The investigation will focus on establishing mathematical models and analyzing the complex dynamics of the solutions for those model problems. The numerical analysis and computation will be also carried out for those problems. The applicant will spend some time at the Mathematical Sciences.

College of Education

31. David Slavitt

Department of Teaching and Learning

Leave Period Requested: August 16, 2021 - May 15, 2022

Purpose of Leave: Investigate the nature of student thinking in STEM-intensive learning environments in Washington, New York, and Finland. Research strands on STEM identity and teacher preparation are also included. Outcomes include receipt or submission of at least two grant proposals, two publications, conference presentations, and enhanced research and educational partnerships.

College of Veterinary Medicine

32. James Peters

Department of Integrative Physiology and Neuroscience

Leave Period Requested: January 1 - June 30, 2022

Purpose of Leave: Provide training in experimental techniques not currently available at WSU to further my neuroscience research program. The work will take place at the Florey Institute and University of Melbourne in Melbourne Australia with two world renowned experts in their respective fields; Drs. Stuart McDougall and Tony Verberne.

33. Debra Sellon

Department of Veterinary Clinical Sciences

Leave Period Requested: July 1 - December 31, 2021

Purpose of Leave: Develop a network of research collaborators and industry partners, identify research priorities, and initiate research efforts into disorders and challenges facing the health and wellbeing of canine agility competitors.

Murrow College of Communication

34. Jessica Willoughby

Department of Strategic Communication

Leave Period Requested: January 1 - May 15, 2022

Purpose of Leave: Media use measures are often plagued by inaccuracy. Measures of exposure may not assess underlying processes that influence health outcomes.

Leave will entail gaining statistical knowledge and submitting a grant proposal that uses ecological momentary assessment, an intensive longitudinal data collection method, to examine media perceptions and health outcomes.

Libraries

35. Chelsea Leachman

Libraries

Leave Period Requested: July 1, 2021 - June 30, 2022

Purpose of Leave: The Purdue Press recently awarded a contract to develop a book on "Standards Information Literacy " to a four-university team of which I will be the lead editor. Responsibilities in this role include researching standards information literacy practices within academic institutions, writing, and editing of the standards information literacy book.

36. Jonathan Potter

Libraries

Leave Period Requested: July 1 - December 31, 2021

Purpose of Leave: The Risse History of Medicine Collection at WSU Spokane includes a unique body of literature amassed by Dr. Guenter Risse in the course of his career as an historian of medicine. This project aims to make the collection more accessible through a series of oral history interviews with Dr. Risse.

Voiland College of Engineering and Architecture

37. Jong-Hoon Kim

School of Engineering and Computer Science

Leave Period Requested: August 16, 2021 - May 15, 2022

Purpose of Leave: Join the center for human-centric interfaces and engineering at Georgia Tech to work on wearable electronics integrated with flexible microfluids for continuous health monitoring. A thin and soft microfluidic device will be used for direct and reliable sweat collection from pores on the skin.

38. Jacob Leachman

School of Mechanical and Materials Engineering

Leave Period Requested: August 16, 2021 - May 15, 2022

Purpose of Leave: A recently submitted WSU invention disclosure presents a paradigm changing advance for hydrogen liquefaction. Blue Origin seeks a report covering the fundamentals of hydrogen liquefaction and a proposal to develop the new concept. This report and proposal will be developed during visits to multiple researchers across the Western US.

39. Konstantin Matveev

School of Mechanical and Materials Engineering

Leave Period Requested: August 16 - December 31, 2021

Purpose of Leave: Build industrial collaborations and boost my research capabilities in autonomous mobile robots. This will expand current research on high-performance transportation into autonomous sea/air/land vehicles. Work with companies, establish new collaborations, build/test prototypes, write papers, and submit proposals.

40. Praveen Sekhar

School of Engineering and Computer Science

Leave Period Requested: January 1 - May 15, 2022

Purpose of Leave: Sustain an international collaboration between the principal investigator at WSU Vancouver and University of Cologne, Germany that was established earlier. The research goal is to address critical barriers in the field deployment of flexible gas sensors for multitude of applications.