



**Professional Leave 2022-2023
March, 2022**

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

Carson College of Business

1. Christina Chi
School of Hospitality Business Management
Leave Period Requested: August 16 - December 31, 2022
Purpose of Leave: Will work on a research project with Dr. Rong Zou from Zhongnan University of Economics & Law in China. The project will focus on how to ensure sustainable rural tourism development through knowledge management and organizational learning.
2. Dogan Gursoy
School of Hospitality Business Management
Leave Period Requested: January 1 - May 15, 2023
Purpose of Leave: This project aims to identify generational differences and similarities among hospitality employees and managers located in Africa and the U.S. to develop culture specific leadership and management strategies to increase employee morale and productivity in post-COVID work environment while enhancing recruitment and retention rates of highly qualified workers.

College of Agricultural, Human, and Natural Resource Sciences

3. Douglas Collins
Agriculture and Natural Resources Program Unit
Leave Period Requested: July 1 - December 31, 2022
Purpose of Leave: The concentrations of people, nutrients, and impervious space in cities heighten the importance of food production, nutrient cycling, and water retention from remaining urban soils. This sabbatical project will examine best management practices for anthropogenic soils (anthrosoils) and metrics to describe and evaluate their health.
4. Ana Espinola-Arredondo
School of Economic Sciences
Leave Period Requested: January 1 - May 15, 2023
Purpose of Leave: Collaborate with faculty in Department of Economic at the University of Barcelona who specialize in industrial organization (Dr. Ester Manna and Dr. Alessandro De Chiara) to evaluate environmental regulation that affects market competition and examine how firms adjust their behavior.

5. Gregmar Galinato
School of Economic Sciences
Leave Period Requested: January 1 - May 15, 2023
Purpose of Leave: Visit the Department of Economics at 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.
6. Manuel Garcia-Perez
Department of Biological Systems Engineering
Leave Period Requested: July 1 - December 31, 2022
Purpose of Leave: This sabbatical leave will be conducted at the USDA-ARS Eastern Regional Research Center and will focus on two major tasks: complete a textbook on Biomass Thermochemical Conversion; and create a strategic partnership to advance our understanding of bio-oil chemistry, explore new strategies for bio-oil fractionation and products development.
7. Caren Goldberg
School of the Environment
Leave Period Requested: August 16, 2022 - May 15, 2023
Purpose of Leave: This project will expand Professor Goldberg's work in developing cutting-edge genetic tools for conservation through 1) simulation modeling to estimate the number of individuals (salamanders, turtles) in a pond from water samples and 2) the development of rapid (lab-free) tests to detect invasive species in streams, tidepools, and coral reefs.
8. Gwen Hoheisel
Agriculture and Natural Resources Program Unit
Leave Period Requested: July 1 - December 31, 2022
Purpose of Leave: Will focus on increasing research techniques and evaluating international education programs for growers which will lead to a functional strategic plan for application technology Extension and research. Professor Hoheisel will visit colleagues in Spain, Italy, and Netherlands who participate in evaluation of sprayers and outreach to fruit producers.
9. Felix Munoz-Garcia
School of Economic Sciences
Leave Period Requested: January 1 - May 15, 2023
Purpose of Leave: Professor Munoz-Garcia will be a Visiting Professor in the Department of Economics at the University of Barcelona, Spain and will collaborate with Dr. Alessandro De Chiara, Dr. Esther Mana, and Dr. Antonio Manresa to analyze how optimal patent lengths are affected by environmental regulation, along with three extensions.

10. Carolyn Ross
School of Food Science
Leave Period Requested: July 1, 2022 - June 30, 2023
Purpose of Leave: Food texture sensitivities in children have negative life-long implications. With this professional leave, Professor Ross will perform research in this area through a residency at Deakin University (Melbourne, Australia), collaborating with global research leaders in child feeding and nutrition. This research will advance the field of child feeding.

11. Diane Smith
Youth and Families Program Unit
Leave Period Requested: July 1 - December 31, 2022
Purpose of Leave: This professional leave will increase Professor Smith's knowledge of the climate-diet connection that is linked to both planetary and personal health. The science behind a climate-friendly food culture and motivation of consumers to adopt new dietary patterns will be studied. Professor Smith will apply the learning to create Extension education materials.

12. Elizabeth Weybright
Department of Human Development
Leave Period Requested: July 1, 2022 - June 30, 2023
Purpose of Leave: Professor Weybright's goal is to move WSU Health Extension forward through key aims of a) outlining a structure and role of Health Extension at WSU and b) further developing my skills and competencies as a champion for Health Extension, principal investigator, and researcher.

College of Arts and Sciences

13. Robert Bauman
Department of History
Leave Period Requested: August 16 - December 31, 2022
Purpose of Leave: This project will highlight the connections between the Chicano Movement, feminism and the War on Poverty through the lens of the life and career of Graciela Olivarez, one of the first Latinas to head a federal agency. This book will explore what Professor Bauman sees as an often intricate and fundamental connection between social movements, feminism and community antipoverty agencies.

14. Scott Blasco
School of Music
Leave Period Requested: August 16 - December 31, 2022
Purpose of Leave: Professor Blasco will compose and record a new musical work presenting a fusion of my recent electronic music's minimalist style with experimental progressive rock.

15. Ashley Boyd
Department of English
Leave Period Requested: August 16 - December 31, 2022
Purpose of Leave: In this research project, Professor Boyd will travel to two middle school sites: one near Charlotte, North Carolina and one in Olympia, Washington to collect qualitative data from which to build case studies of practicing teachers' approaches to social justice in their classrooms through their inclusion of diverse young adult literature.
16. William Puck Brecher
Department of History
Leave Period Requested: January 1 - May 15, 2023
Purpose of Leave: The proposed project researches Japan's multifaceted modern wildlife industry from 1868 to the present day. It aspires to understand the historical and cultural basis of the industry, expose various dirty secrets underlying Japan's unsustainable exploitation of wildlife, and explain the systemic attitudes and institutions that fuel it.
17. Donna Campbell
Department of English
Leave Period Requested: August 16, 2022 - May 15, 2023
Purpose of Leave: Professor Campbell will complete a scholarly edition of *The House of Mirth*; continue as associate editor for the *Complete Works of Edith Wharton*; travel to the Beinecke Library at Yale to research Wharton's unpublished fiction; and to advance work on a new scholarly monograph on women authors and screenwriters.
18. Brian Clowers
Department of Chemistry
Leave Period Requested: August 16 - December 31, 2022
Purpose of Leave: The core objective is to perform a well-defined set of experiments probing trapped molecular species using the unique spectroscopic capabilities at EPFL (Switzerland). Incorporating cryogenic spectroscopy into the laboratory of Dr. Clowers promises to establish not only a new research capability at WSU, but in North America.
19. Justin Denney
Department of Sociology
Leave Period Requested: August 16, 2022 - May 15, 2023
Purpose of Leave: Build on restricted data obtained prior to the leave to generate new data resources enabling the development and investigation of a new strand of research the social contextual factors shaping associations between hearing impairment and mortality.

20. Susan Dexheimer
Department of Physics and Astronomy
Leave Period Requested: August 16 - December 31, 2022
Purpose of Leave: Carry out research using state-of-the-art ultrafast time-resolved vibrational spectroscopy techniques to investigate the dynamics of excitons in electronic materials. The proposed work will be carried out at the University of Washington.
21. William Dowd
School of Biological Sciences
Leave Period Requested: August 16, 2022 - May 15, 2023
Purpose of Leave: At the University of California, Davis, Professor Dowd will apply targeted, quantitative protein expression profiling ('quantitative proteomics') to a unique set of tissues collected from an Antarctic fish. In the FMIC at WSU, Professor Dowd will attempt to develop a novel, non-invasive, microscopy-based method for quantifying stress levels of intact animals.
22. Michael Hanly
Department of English
Leave Period Requested: August 16 - December 31, 2022
Purpose of Leave: Write a biography of Pierre de Craan (ca. 1345-1408), the notorious French knight who attempted to murder of the Constable of France in 1392. This project extends my research into international culture and politics of the Hundred Years War (1337-1453).
23. David Leonard
School of Languages, Cultures, and Race
Leave Period Requested: August 16 - December 31, 2022
Purpose of Leave: Telling the story of Professor Leonard's son's eating disorder, the death of his daughter, and the journey in-between, "Renourishing Our Bodies" blends together memoir with discussions of race, gender, health, social media, and COVID-19 to tell a story that is both unique and all too familiar across the nation.
24. Dean Luethi
School of Music
Leave Period Requested: August 16 - December 31, 2022
Purpose of Leave: Choral ensemble directors are constantly searching for new repertoire to perform. This project will develop a systematic approach for directors to find and program literature. It will culminate in one or more articles and the development of a professional development opportunity for choral directors across the country.

25. Faith Lutze
Department of Criminal Justice and Criminology
Leave Period Requested: August 16, 2022 - May 15, 2023
Purpose of Leave: The Washington State Governor's Office has set the goal to increase the percentage of justice involved individuals who are employed post-release. The purpose of this proposal is to advance the theoretical and scientific understanding for the practical implementation of evidence-based programs for incarcerated workers in Washington's prisons.
26. Kevan Moffett
School of the Environment
Leave Period Requested: August 16, 2022 - May 15, 2023
Purpose of Leave: This leave targets two goals: advance interdisciplinary scientific understanding of natural process of coastal land building by river deltas (work in Somerset & Nottingham, UK, Washington, and Louisiana); and expand access to research experiences for diverse WSUV undergraduates (work with an example program in Oregon).
27. Johanna Phelps
Department of English
Leave Period Requested: August 16, 2022 - May 15, 2023
Purpose of Leave: This project will establish infrastructure for a discipline-wide, open access encyclopedia of methods, methodologies, and paradigms used in Writing Studies research. No such interconnected, comprehensive, and accessible resource exists. This project will shape the methodological education of researchers and inform the practice of research in Writing Studies.
28. Jonah Piovia-Scott
School of Biological Sciences
Leave Period Requested: August 16, 2022 - May 15, 2023
Purpose of Leave: Investigate the ecological and evolutionary underpinnings of biological resilience to global change, focusing on hurricanes and introduced amphibian pathogens. Working with faculty at UC Berkeley, Professor Piovia-Scott will acquire new methodological and analytical skills that will underlie three papers, two grants, and new modules for three WSU classes.
29. Stephanie Porter
School of Biological Sciences
Leave Period Requested: August 16, 2022 - May 15, 2023
Purpose of Leave: Investigate how wildfire alters soil microbiomes and the cascading impacts this has on reforestation dynamics. In Dr. Koskella's lab at UC Berkeley, Professor Porter will acquire new quantitative methods and develop new Eco-Evo theory which will underlie two papers, two NSF grants, and new modules for three WSU classes.

30. Travis Ridout
School of Politics, Philosophy, and Public Affairs
Leave Period Requested: January 1 - May 15, 2023
Purpose of Leave: Study the impact of Australia's quick shift to digital advertising in political campaigns as a window to what other democracies, which are transitioning more slowly, might expect. This research will be conducted with faculty in the in the School of Media, Film and Journalism at Monash University in Melbourne.
31. Michael Salamone
School of Politics, Philosophy, and Public Affairs
Leave Period Requested: August 16 - December 31, 2022
Purpose of Leave: Examine the degree to which moral psychology can explain varying reactions to legal institutions and decisions by using experimental and survey research methods.
32. Elissa Schwartz
School of Biological Sciences and Department of Mathematics and Statistics
Leave Period Requested: August 16, 2022 - May 15, 2023
Purpose of Leave: Develop predictive models of COVID-19 transmission in Nepal and India, and of retroviral infection with immune responses. Conduct collaborative research with mathematical modelers in Kathmandu and Delhi, which will form the basis for manuscripts, grant proposals, international research projects, and courses.
33. Steven Tomsovic
Department of Physics and Astronomy
Leave Period Requested: August 16, 2022 - May 15, 2023
Purpose of Leave: Will research "Genuine Quantum Interference Effects in Ultracold Bosonic Atomic Systems". The idea is to develop a theory for genuine quantum interference effects that are left out of the usual mean-field or classical approximations. The project locations are Orsay, France and Regensburg, Germany.
34. Heather Watts
School of Biological Sciences
Leave Period Requested: August 16, 2022 - May 15, 2023
Purpose of Leave: Activities will focus on research aimed at understanding the mechanisms by which animals time events in their annual cycle and will produce publications related to an existing grant and develop a new line of inquiry, including producing a new grant application. This will be facilitated by visiting the University of California, Davis.

College of Education

35. Robert Catena

Department of Kinesiology and Educational Psychology

Leave Period Requested: August 16, 2022 - May 15, 2023

Purpose of Leave: Inability to conduct some experimental biomechanics research with pregnant women makes computer musculoskeletal modeling a needed alternative. Professor Catena will work with modeling experts at Harvard and University of Michigan to develop musculoskeletal models of gestation and evolution. This will expand Professor Catena's pregnancy research and lead to collaborations for federal funding.

36. Don McMahon

Department of Teaching and Learning

Leave Period Requested: August 16, 2022 - May 15, 2023

Purpose of Leave: Advance research on innovative special education technology, inclusive post-secondary education, and educator professional development. This plan balances continued work on grant projects at WSU Pullman and multiple periods in residence (Minnesota, London, Boston) to collaborate on new research and grant opportunities.

37. Katherine Rodela

Department of Educational Leadership and Sport Management

Leave Period Requested: August 16, 2022 - May 15, 2023

Purpose of Leave: This study will examine educational leaders' of color pathways and mentoring networks in the SW Washington/Portland Metro area. Outcomes will include: two journal publications, two external grant proposals to develop a Leaders of Color Pipeline Program, creation of a regional leaders of color network, conference papers, and book proposal.

College of Veterinary Medicine

38. Cynthia Cooper

School of Molecular Biosciences

Leave Period Requested: August 16 - December 31, 2022

Purpose of Leave: Using NIH funds, Professor Cooper will develop an innovative experimental protocol to study albinism in our zebrafish models (in collaboration with zebrafish heart biologist Jiandong Liu at University of North Carolina, Chapel Hill), present at multiple national conferences and complete data collection/additional tasks to improve funding potential for future NIH proposals.

Libraries

39. Talea Anderson

Libraries

Leave Period Requested: January 1 - June 30, 2023

Purpose of Leave: Research the history of tactile writing for the blind. This unique history is documented in archival collections in London, Liverpool, and Edinburgh. By visiting these collections, will gather information about early blind readers who have often been excluded from the historical record.

Murrow College of Communication

40. Jessica Willoughby

Department of Strategic Communication

Leave Period Requested: August 16 - December 31, 2022

Purpose of Leave: Media use measures are often plagued by inaccuracy. Measures of exposure may not assess underlying processes that influence health outcomes. Professor Willoughby will gain statistical knowledge and submit a grant proposal that uses ecological momentary assessment, an intensive longitudinal data collection method, to examine media perceptions and health outcomes.

Voiland College of Engineering and Architecture

41. Nicholas Engdahl

Department of Civil and Environmental Engineering

Leave Period Requested: August 16 - December 31, 2022

Purpose of Leave: Develop a novel theory for describing flow and transport in highly uncertain systems using tools similar to quantum mechanics. This will be a wandering sabbatical visiting colleagues in Australia, Spain, and domestically, and also aims to develop industry partners in quantum computing.

42. Subhanshu Gupta

School of Electrical Engineering and Computer Science

Leave Period Requested: August 16 - December 31, 2022

Purpose of Leave: Focus on cost-sensitive satellite communications as part of the large-scale deployment of satellites under Project Kuiper while at Amazon Seattle. Objective is to explore array optimization through interference mitigation, artificial-intelligence based link discovery and calibration, and synchronization towards low-cost deployment of a large-scale network of satellites.

43. Saeed Lotfifard

School of Electrical Engineering and Computer Science

Leave Period Requested: August 16 - December 31, 2022

Purpose of Leave: Develop methodologies for addressing operational security challenges of grid integration of inverter based renewable sources. The host institutes will be NREL (National Renewable Energy Lab) and EPRI (Electric Power Research Institute).

44. Min Kyu Song
School of Mechanical and Materials Engineering
Leave Period Requested: August 16, 2022 - May 15, 2023
Purpose of Leave: Collaborative research between researchers at WSU and Ecellix, a start-up company in Seattle, working on next-generation battery technologies. Will also help the applicant to enhance teaching effectiveness in class and develop new collaborative projects via federal funding agencies.

45. Judith Theodorson
School of Design and Construction
Leave Period Requested: January 1 - May 15, 2023
Purpose of Leave: Advance the research and teaching capacity of the Interior Ambiances Lab by developing a “light discovery space” with hands-on educational and research modules and by studying the intersection of daylight and well-being in residential architecture (Bozeman and Copenhagen).

46. Vikram Yadama
Department of Civil and Environmental Engineering
Leave Period Requested: January 1 - May 15, 2023
Purpose of Leave: There is a need for bio-based materials that enable manufacturing innovative, energy efficient, and carbon-storing composite products. Proposed plan is to fabricate natural fiber reinforced thermoplastic composite plies and understand their limits of forming into three-dimensional panels using roll forming technology at the University of Auckland, New Zealand.

47. Xuechen Zhang
School of Engineering and Computer Science
Leave Period Requested: August 16, 2022 - May 15, 2023
Purpose of Leave: Location: Analyze MPI-IO performance when persistent memory is used; design a new high-performance persistent I/O buffer for parallel applications; and evaluate the software on supercomputers, e.g., Perlmutter at Lawrence Berkeley National Laboratory.