Professional Leave 2018-19  
March, 2018

Daniel J. Bernardo, Provost and Executive Vice President, reports that he has approved the professional leaves listed below and that there will no additional costs to the University for this program.

College of Agricultural, Human, and Natural Resource Sciences

1. Chris Benedict  
   WSU Extension, Whatcom  
   Leave Period Requested: March 1 - June 30, 2019  
   Purpose of Leave: Professor Benedict will study the use of precision agriculture in small fruit production and train to utilize these technologies in his research and extension programming. Additionally, he will build collaborations with researchers in this field and connect with newly emerging small fruit industry in Mexico.

2. Brian Brandt  
   Extension Youth and Families Program Unit  
   Leave Period Requested: January 1 - June 30, 2019  
   Purpose of Leave: This leave will increase Professor Brandt’s knowledge in simple mobile/phone applications that will be integrated into Extension trainings and curriculums. He will apply the learning to convert two curriculums to fee-based, global online, and recorded trainings. Additionally, he will develop a template for future global fee-based trainings and curriculums.

3. Amit Dhingra  
   Department of Horticulture  
   Leave Period Requested: July 1, 2018 - June 30, 2019  
   Purpose of Leave: Hands-on research experience is critical for training in STEM. Professor Dhingra plans to design and implement a 4-year research track for undergraduates that will increase the percentage of students engaged in research. He will also propose to enhance the impact of the EFA program as part of WSU’s Drive to 25 mission.

4. Michael Kern  
   WSU Extension CED; William D. Ruckelshaus Center  
   Leave Period Requested: September 1, 2018 - June 30, 2019  
   Purpose of Leave: Professor Kern will as visiting faculty at the University of Wyoming's Ruckelshaus Institute, creating a course on collaborative governance, co-authoring a journal publication on the "Ruckelshaus Model" for university-based collaborative governance, and undertaking additional projects/consultations with UWyo, to strengthen WSU’s position as a national leader in this field.
5. Kathleen Rodgers  
Department of Human Development  
Leave Period Requested: August 1 - December 31, 2018  
Purpose of Leave: Professor Rodgers will acquire new statistical knowledge in dyadic data analysis and structural equation modeling, and analyze momentary observational data of parent-adolescent communication with these techniques. Analysis will identify the nuances of effective parent-teen communication about romantic relationships and dating violence to inform prevention programming.

College of Arts and Sciences  
6. Arthur Blume  
Department of Psychology  
Leave Period Requested: January 1 - May 15, 2019  
Purpose of Leave: The prevailing psychological paradigm has demonstrated strengths but also shortcomings to address global issues requiring interventions across boundaries, cultures, and generations. Time at the National Centre for Cultural Competence, University of Sydney, will foster collaborations to refine an indigenous psychological paradigm to position psychological science to help address these issues.

7. Thomas Brown  
Department of Fine Arts  
Leave Period Requested: August 1 - December 31, 2018  
Purpose of Leave: Professor Brown will further his research and creative work centered around a series of paintings and drawings begun in 2010 titled "John Brown's Body" and include travel to and study of specific Native American sites in Oregon, Montana, Utah, Arizona, and New Mexico.

8. Jesse Brunner  
School of Biological Sciences  
Leave Period Requested: August 20, 2018 - May 7, 2019  
Purpose of Leave: Professor Brunner will work with Trent Garner (Zoological Society of London) on the influence of a host's microbial communities on pathogen transmission in amphibians, and with Rick Ostfeld (Cary Institute, New York) on the influence of climatic conditions on transmission of the Lyme disease bacterium to ticks.

9. Peter Christenson  
Department of Fine Arts  
Leave Period Requested: August 16, 2018 - May 15, 2019  
Purpose of Leave: Professor Christenson will be an Artist in Residence at Present Occupant Project in Korinos, Greece, developing creative research and a multimedia cultural archive exploring the Tsipouro Cultural Festival. He will return to Scotland for a solo exhibition at the VRC of Dundee Contemporary Arts to showcase a multimedia project that commenced in 2015 during his Fulbright exchange.
10. Erica Crespi  
   School of Biological Sciences  
   Leave Period Requested: August 16, 2018 - May 15, 2019  
   Purpose of Leave: Professor Crespi will work with Dr. Enrique Amaya (University of Manchester, UK) and Dr. Jenni Kennell (Vassar College, NY) to learn new techniques to conduct research to advance what we know about the mechanisms that enable amphibians to regenerate entire limbs and tails.

11. Craig Hemmens  
   Department of Criminal Justice and Criminology  
   Leave Period Requested: January 1 - May 15, 2019  
   Purpose of Leave: Professor Hemmens will conduct research on the impact of marijuana legalization on the Washington criminal justice system. This research has funding support from the National Institute of Justice.

12. Alexander Khapalov  
   Department of Mathematics and Statistics  
   Leave Period Requested: January 1 - May 15, 2019  
   Purpose of Leave: The goal of this project is a collaborative research in the nonlinear controllability theory of PDE's at the University of Rome II "Tor Vergato" and INdAM, Rome, Italy. Applications include the 2D and 3D swimming models in incompressible fluids, described by the Navier-Stokes equations, and nonlinear multiplicative controllability of multidimensional semilinear PDE's.

13. Richard King  
   Department of Critical Culture, Gender, and Race Studies  
   Leave Period Requested: January 1 - May 1, 2019  
   Purpose of Leave: This project examines the portrayal of neo-Nazis in German and American cinema to better understand racism and extremism in each country. It argues that a close reading of representations of neo-Nazis in each country enables a repudiation of racism, while leaving the arrangements of racial hierarchy largely unquestioned and undisturbed.

14. Thabiti Lewis  
   Department of English  
   Leave Period Requested: August 16, 2018 - May 15, 2019  
   Purpose of Leave: Professor Lewis’ book project will examine the Black Arts Movement within Chicago, its institutions, and its broad range of influence across the United States. He will conduct two interviews; do additional archival research; complete his introductory essay; complete transcription of interviews and edit all the essays.
15. William Michael Mays
Department of English
Leave Period Requested: August 16, 2018 - May 15, 2019
Purpose of Leave: "Not So Funny": The Equivocal Comedy of Albert Brooks." A book-length study of Los Angeles-based writer, filmmaker, and actor Albert Brooks - long considered by many to be "the funniest person in America" - which ponders the question, "If Books is so funny, why hasn't he enjoyed more commercial or critical success?"

16. Luke Premo
Department of Anthropology
Leave Period Requested: August 16, 2018 - May 15, 2019
Purpose of Leave: While at the Max Planck Institute for Evolutionary Anthropology, Professor Premo will write 2-3 peer-reviewed papers on the topic of cultural evolution with special emphasis on improving methods for identifying evidence of cultural transmission in assemblages of Paleolithic stone tools.

17. Thomas Rotolo
Department of Sociology
Leave Period Requested: January 1 - May 15, 2019
Purpose of Leave: The field of "network science" has exploded over the past two decades. Professor Rotolo's research and courses rely upon techniques developed prior to the proliferation of network science. He proposes to incorporate the latest network methods into his research and courses, primarily through research with a colleague at Brown University.

18. Karen Schmaling
Department of Psychology
Leave Period Requested: January 1 - May 15, 2019
Purpose of Leave: This project will investigate the practices and outcomes related to diversifying the faculty at the University of New South Wales (Australia). It will involve the analysis of faculty applications to characterize: how faculty applicants conceptualize diversity; disciplinary differences; and the association between application content and the diversity of applicant pools.

19. Mary Stohr
Department of Criminal Justice and Criminology
Leave Period Requested: August 16, 2018 - May 15, 2019
Purpose of Leave: Professor Stohr will conduct research on the impact of marijuana legalization on the Washington criminal justice system. This research has funding support from the National Institute of Justice.
20. Xiuyu Wang  
Department of History  
Leave Period Requested: August 16, 2018 - May 15, 2019  
Purpose of Leave: Professor Wang will complete 3 chapters regarding monograph, Borderland Environment, Economy, and Identity in Southwest China. He will also initiate data-gathering for his next project on the tea industry in East Asia in relation to regional identity.

21. Gregory Yasinitsky  
School of Music  
Leave Period Requested: August 1 - December 31, 2018  
Purpose of Leave: Professor Yasinitsky will create three new compositions for "little big band," a big band with reduced instrumentation. There is a need for repertoire for ensembles of this size, especially at the advanced level.

22. Andy Cavagnetto  
Department of Teaching and Learning / School of Biological Sciences  
Leave Period Requested: August 16, 2018 - May 15, 2019  
Purpose of Leave: The proposed professional leave to Durham University seeks to extend Professor Cavagnetto's scholarship on argumentation to learn by a) advancing an approach for integrating argumentation in large lecture biology settings, and b) developing a skill set, techniques related to meta-synthesis, that will support the next phase of his scholarly work.

23. Anne Cox  
Department of Educational Leadership, Sports Studies, and Educational/Counseling Psychology  
Leave Period Requested: January 1 - May 15, 2019  
Purpose of Leave: The aim of this sabbatical is to engage in intensive research on the mechanisms by which yoga participation supports physical activity and eating behaviors. Professor Cox will travel to collaborate with researchers at Ohio State University, University of Buffalo, and University of Connecticut to meet the objectives of this aim.

24. Joy Egbert  
Department of Teaching and Learning  
Leave Period Requested: January 1 - May 15, 2019  
Purpose of Leave: Professor Egbert will collect and analyze data with colleagues in Taiwan, KSA, Turkey, and other countries that will help to refine and explain both a model and theory of task engagement. Outcomes include refinement of a relational model, solidifying international collaborations, creating a framework for large funding, and preparing for wide dissemination.
Edward R. Murrow College of Communication
25. Porismita Borah
   Strategic Communication
   Leave Period Requested: August 1 - December 31, 2018
   Purpose of Leave: Professor Borah will collaborate with researchers from five different
   countries in a longitudinal survey data collected across 20 countries at the Media
   Innovation Lab, University of Vienna. Her research has covered both non-election years
   as well as the presidential elections of 2008, 2012, and 2016. This collaboration will give
   Professor Borah an opportunity to further her research internationally.

Libraries
26. Nicole Campbell
   Vancouver Library
   Leave Period Requested: January 1 - June 30, 2019
   Purpose of Leave: PDFs are the dominant format used by publishers and database
   vendors for delivery of fulltext journal articles, but is this format accessible by all users?
   This study will analyze a sample of PDFs from two scholarly databases to determine if
   they are accessible for people with disabilities.

27. Amelia Sue Phelps
   Vancouver Library
   Leave Period Requested: July 1 - December 31, 2018
   Purpose of Leave: Professor Phelps' proposes a professional leave with two parts. It will
   assess the current collection of books and ebooks in the Library's collection concerning
   racism and social justice as well as that of our consortium partner libraries. It will also
   develop and test a methodology for collection assessment.

Voinland College of Engineering and Architecture
28. Soumik Banerjee
   School of Mechanical and Materials Engineering
   Leave Period Requested: August 16 - December 31, 2018
   Purpose of Leave: Professor Banerjee proposes to engage in a collaborative project with
   a research group at the Max Planck Institute in Magdeburg, Germany. The project will
   be funded by the Humboldt Foundation in Germany. The goal of the project is to
   develop fundamental insights into adsorption and diffusion of chemical species in
   porous materials to designing high-efficiency electrolytic cells for production of chlorine.
29. James Dolan  
Department of Civil and Environmental Engineering  
Leave Period Requested: August 16, 2018 - May 15, 2019  
Purpose of Leave: To reduce the cost of construction for social housing in Chile a new building code, modeled on the United State's International Residential Code. This will include in its scope the entire range of locations for Chile, and includes building up to six stories to be designed and constructed. - Universidad de San Sebastian, and Universidad de Concepcion, Concepcion, Chile. Conclude negotiations for joint Ph.D. Degrees with Universidad de Concepcion, Pontificia Universidad Catolica de Chile - Valparaiso, and Universidad San Sebastian - Concepcion.

30. Alla Kostyukova  
The Gene and Linda Voiland School of Chemical Engineering and Bioengineering  
Leave Period Requested: August 16, 2018 - May 15, 2019  
Purpose of Leave: Professor Kostyukova will spend her sabbatical leave in the Center for Molecular Neurobiology, UKE, Hamburg, Germany. Using modern, state-of-art cellular methods, she will study correlation between isoform-dependent functional properties of tropomodulin, an actin-binding protein, and formation of actin cytoskeleton in brain cells, specifically in neuronal dendritic spines critical for learning and memory.

31. Taiji Miyasaka  
School of Design and Construction  
Leave Period Requested: August 16, 2018 - May 15, 2019  
Purpose of Leave: The TrashWalls project, supported by grants from EPA and AIA-Upjohn, aims to reduce construction waste by developing building materials fabricated from waste drywall and other construction waste products. In collaboration with CMEC and architecture professionals, the materials will be tested for use in ultra-low cost, passive energy building design.

32. Changki Mo  
School of Engineering and Applied Science  
Leave Period Requested: August 1 - December 31, 2018  
Purpose of Leave: The purpose of sabbatical leave is to explore sensing capability of robotic hands using smart materials through working with internationally recognized colleagues of the Smart Structures and Systems Laboratory in South Korea. They are a leading global research group in development and application of smart material-based sensory and actuation systems.
33. Chuck Pezeshki  
School of Mechanical and Materials Engineering  
Leave Period Requested: August 15 - December 31, 2018  
Purpose of Leave: Professor Pezeshki proposes to write two texts and write a series of proposals covering both his educational research and his current work with Professor Jerath involving social evolution of robotic societies. The first text will be with co-author Steve Beyerlein, ME Chair at the University of Idaho, on managing and structuring large project-based learning environments, with specific reference to industrially sponsored capstone projects. The second book will be on his current writing regarding empathetic design and leadership in complex environments, co-authored with Ryan Martens, former CTO of Rally Software in Boulder, CO.

34. Feng Zhao  
School of Engineering and Computer Science  
Leave Period Requested: August 16, 2018 - May 15, 2019  
Purpose of Leave: Professor Zhao will conduct a research project, in collaboration with National Tsing Hua University, Taiwan, on high power, high frequency, and high energy efficiency solid state devices for next generation power electronics and wireless communication systems.