

**Approved Sabbaticals
Academic Year 2022-2023**

First Name	Last Name	Department	Semester	Title
College of Liberal Arts and Sciences				
Elizabeth	Arnold	Anthropology Department	Winter 2023	Isotopic analyses of archaeological animal remains in the Iron Age of Israel: examining human subsistence patterns
Christopher	Shaffer	Anthropology Department	Fall 2022, Winter 2023	Bridging local ecological knowledge and molecular characterization to understand pathogen emergence at the
Todd	Aschenbach	Biology Department	Fall 2022, Winter 2023	Examining Wildland Fire Effects in the West and Midwest: Finding the Beauty in the Beast
Alexey	Nikitin	Biology Department	Fall 2022	Advancing the Field of Molecular Archaeology
Bruce	Ostrow	Biology Department	Winter 2023	Patagium development in the southern flying squirrel, <i>Glaucomys volans</i>
Amy	Russell	Biology Department	Winter 2023	Did white-nose syndrome collapse the European bat fauna? Using genetic demography to investigate the
M.	Woller-Skar	Biology Department	Winter 2023	Sea level rise in New Zealand: shifts in periphyton (biofilm)
Martin	Burg	Biomedical Sciences Department	Fall 2022, Winter 2023	Creation of transgenic flies to enable cell-specific alteration of histaminergic cell excitability in the CNS of
Doug	Graham	Biomedical Sciences Department	Winter 2023	The gut microbiome and its potential role in modulating
Theodore	Towse	Biomedical Sciences Department	Fall 2022, Winter 2023	Effects of Muscle Contraction Intensity on Muscle Blood Flow, Heart Rate, and Blood
Osman	Patel	Cell & Molecular Biology Department	Fall 2022	Evaluation of combinative drug therapy on malignant breast cancer cells
Agnieszka	Szarecka	Cell & Molecular Biology Department	Fall 2022	Expanding the Computational Toolkit for Research on OXA-
Shannon	Biros	Chemistry Department	Fall 2022, Winter 2023	Completion of three projects in lanthanide and actinide coordination chemistry and three publications with
Scott	Thorgaard	Chemistry Department	Fall 2022	Studies of Single Bacteria Electrochemistry Using the Array
David	Crane	Classics Department	Winter 2023	The Philosopher & Society in 4th-Century Athens: Introduction, Translation, and Commentary on Three Dialogues of the Early
Charles	Ham	Classics Department	Fall 2022	Philosophy in Latin Elegy: Love and Strife in Ovid's reception of Empedocles
Kurt	Bullock	English Department	Fall 2022, Winter 2023	Narrative Symmetry: Transformative Spaces in the Writings and Paintings of Jack B. Yeats
Robert	Franciosi	English Department	Fall 2022, Winter 2023	Stumbling Upon Strangers: A Post-Holocaust Memoir
Brian	White	English Department	Fall 2022	Learning to Teach English as a Second Language
Patrick	Colgan	Geology Department	Fall 2022, Winter 2023	Glaciation, Groundwater, and Dunes: A sabbatical proposal for manuscript completion and submission, learning a new

Gordon	Andrews	History Department	Fall 2022	Blair Mountain and the Persistence of Memory
Alice	Chapman	History Department	Fall 2022, Winter 2023	Christ the Physician: Healing Spiritual Sickness in the Twelfth - Fourteenth Centuries
David	Eaton	History Department	Fall 2022	A Faustian Bargain? World History and the College Board
Louis	Moore	History Department	Fall 2022	The Making of the Black Quarterback
Tamara	Shreiner	History Department	Winter 2023	Teaching Data Literacy in Social Studies Education
David	Stark	History Department	Fall 2022, Winter 2023	Transitions and Traditions in the Seventeenth and Eighteenth-Century Spanish Caribbean (Puerto Rico): A Professionalizing Priesthood and the Pathways to Adulthood
Feryal	Alayont	Mathematics Department	Fall 2022, Winter 2023	A Free Online Open-Source Complex Analysis Textbook Using a Guided Discovery
Lisa	Kasmer	Mathematics Department	Fall 2022	Understanding Mathematics Teachers' Instructional Decisions: Teaching Geometric Transformations
Lauren	Keough	Mathematics Department	Winter 2023	Retraining in Applied Mathematics for Data Science
Norma	Ortiz-Robinson	Mathematics Department	Winter 2023	Optimally Controlled Sweeping Processes: Time-Delayed
Michael	Santana	Mathematics Department	Winter 2023	An analogue of a result of Corradi and Hajnal for 3-graphs
Meghan	Cai	Modern Languages & Literatures	Fall 2022, Winter 2023	Social Networks in Song Dynasty (960-1279)
Elizabeth	Gansen	Modern Languages & Literatures	Winter 2023	An Analysis of Book 12 On Animals in the Monserrat
Medar	Serrata	Modern Languages & Literatures Department	Fall 2022, Winter 2023	The Rise and Fall of the Dominican National Museum
Ingrid	Johnson	Movement Science Department	Winter 2023	Outdoor education applied to teacher preparation in health and physical education
Hannah	Seidel	Music, Theatre, & Dance Department	Winter 2023	Play in Performance
Peimin	Ni	Philosophy Department	Fall 2022	Philosophizing Gongfu through Confucianism
Andrew	Spear	Philosophy Department	Winter 2023	Gaslighting, Self-Trust, and the Political
Bradley	Ambrose	Physics Department	Fall 2022	Researching the Effectiveness of Inquiry- Based Teaching Materials that Utilize Space Science as a Context for Physics Instruction

Karen	Gipson	Physics Department	Winter 2023	Essential Physics for Health Sciences (OER text)
Karen	Zivi	Political Science Department	Winter 2023	From the Monstruous to the Mundane? Simone de Beauvoir and the Politics of
Amanda	Dillard	Psychology Department	Fall 2022	Testing the impact bias for health outcomes using prospective research
Leon	Lou	Psychology Department	Fall 2022	Pictorial mode of vision: Understanding visual perception in drawing and painting from observations
Amy	Matthews	Psychology Department	Fall 2022, Winter 2023	Developing evidence-based systems and resources for early childhood providers educating young children with Autism
Benjamin	Swets	Psychology Department	Winter 2023	The Music is Coming from Inside the Head: Cognitive Studies of Involuntary Musical Imagery
Michael	Wolfe	Psychology Department	Fall 2022	Beliefs: How They Change and How We Reason About Them
Jeffrey	Kelly Lowenstein	School of Communications	Winter 2023	Countering The Misinformation Epidemic: Expanding the Global Civil
Xianguang	Zhang	School of Communications	Fall 2022	"Toward an Interological Philosophy of Media, with a Focus on 'Medium as Khora'"
Laurel	Westbrook	Sociology Department	Fall 2022	Multifaceted Gender Violence: The Role of Gender, Race, Class, Sexuality, Age, and Region in Murders of Transgender People in the United States
William	Hosterman	Visual & Media Arts Department	Fall 2022	Full Circle: Teaching, Creating and Curating
John	Schmit	Visual & Media Arts Department	Winter 2023	Cycle Below
Christopher	Haven	Writing Department	Winter 2023	Terrible Emmanuel: A Hybrid-Genre Book of Creative Writing
Caitlin	Horrocks	Writing Department	Fall 2022, Winter 2023	Hives: a novel
Kay	Losey	Writing Department	Winter 2023	What Can Plurilingualism Offer College Composition for Multilingual Students in the U.S.
Seidman College of Business				
Daniel	Giedeman	Economics Department	Winter 2023	The German Duale-Hochschule System: Its Lessons and Applicability for Colleges and Universities in the United States
Gerry	Simons	Economics Department	Winter 2023	Has the America Invents Act Led to a Decline in Medical Technology Patenting?
Vijay	Gondhalekar	Finance Department	Winter 2023	ESG and Financial Performance: The Effect of Right-to-Work Laws
College of Education & Community Innovation				
Steven	Smith	School of Social Work	Fall 2022	Western U.S. Wildfires: A Visual Essay on Victims' Losses and Perspectives on Causality
Padnos College of Engineering and Computing				
Nicholas	Baine	School of Engineering	Fall 2022	Application of Guidance, Navigation, and Control Methods for Mobile Robots and Autonomous Vehicles
College of Health Professions				
Julia	VanderMolen	School of Interdisciplinary Health	Fall 2022	Evaluation of Web Accessibility Training for the Visually Impaired
Brooks College of Interdisciplinary Studies				
Andrea	Riley-Mukavetz	Integrative, Religious, and Intercultural Studies Department	Fall 2022, Winter 2023	Taking the Back Roads: a Michigan Indigenous History through the ancient trails of the Anishinaabeg
Denise	Goerisch	Integrative, Religious, and Intercultural Studies Department	Fall 2022, Winter 2023	The Effects of COVID-19 on the Public University

Leifa	Mayers	Women, Gender, & Sexuality Studies Department	Winter 2023	A Feminist Exploration of CRISPR Biotechnologies
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