

Research Council AY 2024-2025 Funded Projects			
Applicant	Co-Applicants	Department	Proposal Title
Anne Myers		English	Texts and Monuments in Early Modern England
Beiyin Deng		Classics, Archaeology, and Religion	Building Community, Boosting Visibility: Annual Temple Festivals and the Burmese Buddhist Diaspora in Iowa
Binbin Wang		Civil and Environmental Engineering	Developing a Physics-Based Model for Environmental Surveillance of Avian Influenza
Brian Silvey		History	The History, Adjudication Practices, and Pedagogy of the Australian Concert Band
Carlos Wexler		Physics & Astronomy	Transition Matrix Monte Carlo Analysis of CH4/CO2 Co-Adsorption in Metal Organic Frameworks
Changyu Sun	Neha Goyal Talissa Altes	Chemical & Biomedical Engineering	Physics-guided Cardiac Tagging MRI Motion Estimation Using an Unsupervised Neural Network
Cheryl Rosenfeld	R. Michael Roberts	Biomedical Sciences	Effects of Maternal Exposure to Probiotics on the Placenta-Brain Axis in Male and Female Offspring
Crystal Lim	Amy Braddock	Visual Studies	Examining the Role of Executive Functioning in Family-Based Intensive Health Behavior and Lifestyle Treatment to Address Pediatric Obesity
David Beversdorf	Chi-Ren Shyu Daniel Davis	OBGYN	Understanding the impact of protective genes for autism spectrum disorder
Desireé Moore		Visual Studies	Mourning Objects Archival Research
Hesham Elemam	Ahmed Elkilani Hani Salim	Civil & Environmental Engineering	Optimizing Geopolymer Concrete for Enhanced Durability and Reduced Carbon Footprint
Ilyana Karthas		History	Merlyn Severn: Women, Photography, and the Gender Politics of Professionalism
James Van Dyke		Music	Otto Dix in Detail: Painting and Precarity in the Field of Weimar Culture
Jennie Ikuta		Kinder Institute on Constitutional Democracy	White Losses: Moral Psychology and the Demands of Racial Justice
Jennifer Hulett	Susan Scott Suhwon Lee	Nursing	Using Technology to Explore Relationships between Nurses' Workload, Burnout, and Well-being: A Feasibility Study

John Frymire		History	Catholic Preaching in Luther's Wake: Friedrich Nausea in the Mainz Cathedral Pulpit, 1546-1534
Jorge Gomez-Gutierrez	Esma S. Yolcu	Pediatrics	Immunomodulation of Tumor Microenvironment by an oncolytic virus armed with the co-stimulatory molecule SA-4-1BBL
Joseph Pintz		Visual Studies	Summer Research Salary: Direktorenhaus exhibition
Julia Nuelle	Madeline Mueller Aaron Ericsson	Orthopaedic Surgery	Exploring the Gut Microbiome in Patients with Cubital Tunnel Syndrome
Kevin Cummings		Biomedical Sciences	Role of serotonin neurons projecting to the nucleus of the solitary tract on blood pressure regulation
Kristy Bowers		Health Psychology	Ordinary or Dangerous Pestilence? Defining New Diseases in Early Modern Europe
Linda Reeder		History	From Foreigners to Immigrants, Italy, 1860-1945.
Mary Morris		History	The Devil Comes to Hartford: The Connecticut Witchcraft Trials of the 1660s
Md Saidur Rahman		Radiology	Pathophysiology and therapeutic targeting of dendritic cells in endometriosis
Meng-Hsuan (Dominic) Yang		History	(Book Project): Chinese Civil War Trauma: Repression and Betrayal in Chiang Kai-shek's Army in China and Taiwan, 1945-1960
Merve Fejzula		History	The Age of All Women: The Becoming of Younoussé Seye
Michael Marlo		English	Documenting oral traditions of Bantu language communities in Kenya
Noah Glaser		Info Science & Learning Tech	Going Beyond Stereotypes: Fostering Neurodiverse Representation in Gaming Media
Pamela Adkins	Ridwan O. Adesola Tamara Gull	Vet Med	Molecular characterization of Staphylococcus saprophyticus isolates of dairy origin with a public health perspective
Peifen Zhu		Electrical Engineering & Computer Science	Development of High-Performance White LEDs Using Lead-Free Perovskites and Advanced Micro/Nanostructure Fabrication for Sustainable Solid-State Lighting
Peng Tian		Plant Science and Technology	The Study of Novel Virus Strains of Missouri Elderberries
Rebecca North		School of Natural Resources	Hunger in a heatwave: phytoplankton nutrient status measurements under different temperature and nutrient regimes

Reginald Cocroft		Biological Sciences	Developing a rapid assay to measure plant responses to acoustic cues of herbivory
Robert Walker		Anthropology	Resilience of isolated indigenous populations in Amazonia
Russell Ravert	Sonja Winter	Human Dev & Family Science	Trends in Distress and Mental Health Service Use among U.S. Domestic and International Student-Athletes (2019-2024)
Sarah Buchanan		Info Science & Learning Tech	Broadening Provenance Research Methods and Training for Veterans Rehabilitating At-Risk Collections [Small Grant]
Sarah Jacquet	Tara Selly Lydia Tackett	Geological Sciences	Ancient Appetites: Resolving dietary preferences in Cretaceous fish through the lens of fossilized feces
Seth Howes		Language, Literatures & Cultures	Subvention for Publication of co-edited volume "Overcoming the Present" (Duke University Press, 2026)
Shawn Bender	Chandrasekar Bysani	Biomedical Sciences	LARP6 in Co-Morbid Aging-Associated Heart Failure
Signe Cohen		Classics, Archaeology & Religion	No Other World Than This: A History of Atheism in South Asia
Willie Mack		Black Studies	With Friends Like These: Transnational Carceral Regimes and Punitive Anti-communism in New York City and Haiti