2018 Communities of Research Scholars Proposals

Topic	Description	Convener/Unit
Aging and Health in Memphis	Researchers from Public Health, Health Behavior, Epidemiology, Health Policy, Biostatistics, Nursing, Sport Medicine, and Geography join as a community, and aim to address health issues emerged over the aging process.	Yong Yang, School of Public Health
Digital Humanities Methods	We propose a community of scholars on the University of Memphis campus to explore new methods in the digital humanities, or computational responses to traditional humanistic questions, especially in relation to multivariate and complex datasets, or incomplete datasets, which are common in fields such as history, literature, social sciences, and the study of languages.	Melanie Conroy, World Languages
Environmental Health	The goal of MEHRC is to understand how exposures to chemicals and their interactions with non-chemical stressors and socioeconomic status cause environmental health disparities in vulnerable and/or disadvantaged populations at varying life stages.	Chunrong Jia, School of Public Health
Health Spaces and Technology	This CoRS effort will explore interdisciplinary research approaches to innovate obesity-related risks (e.g., unhealthy eating behaviors) and prevention behaviors (e.g., physical activity, health screening) that positively impact the management of chronic health conditions.	Seok Won Jin, Social Work
HIV Disparities	This CoRS will engage in joint scholarship to share ideas and strategies for researching vulnerable populations with HIV or at-risk for HIV.	Robin Lennon-Dearing, Social Work
Midsouth LGBTQ+ Archive	The CoRS will focus on interdisciplinary explorations of Mid-South LGBTQ+ communities through the establishment of an LGBTQ+ archive housed in the McWherter Library Special Collections at the University of Memphis.	Craig Stewart, Communication and Film
Poverty	Our proposed initiative intends to bring together academic and community stakeholders with the common purpose of confronting the problem of poverty through data-driven research and policy	Elena Delavega, Social Work

	recommendations to build more equitable communities, locally and nationwide.	
Social Justice and Healing	The thematic area of inquiry will revolve around the *how, who, when, why, and what skills, knowledge, attitudes, and resources are needed to heal from social injustice*.	Idia Thurston, Psychology
Synthesis of Research and Teaching Practices with the University of Memphis High Performance Computer	Our Community of Research Scholars will provide the opportunity for faculty who use High Performance Computing (HPC) at UM to develop interdisciplinary curriculum, market research success, network and share ideas, and develop training materials.	Nate DeYonker, Chemistry
Team-Based Healthcare	This CoRS will serve as a springboard for collaborative grants related to basic research, (e.g., sensory convergence insufficiencies across the visual and auditory systems; associations between attention, vision, and poor educational achievement), as well as projects related to team-based healthcare and interdisciplinary education, inter-professionalism, such as team-led community clinics, preventative interventions addressing social determinants of health, and telehealth options for provision of team-based care to rural communities.	Naomi Eichorn, Communication Sciences and Disorders
The Memphis Film and Music Collective	Our proposal is to create a community of campus and local partners to research and create video essays, documentaries, and narrative films that focus on the city, people, culture, and history of Memphis	Michael Harris and Joel Roberts, University Libraries
University Middle	The University Middle Research Cluster will explore, plan, and launch innovative research opportunities connected to middle-grade children.	Remy Debbs, Philosophy
Water Safety	The mission of Water Safety Research Community is to gather scholars and researchers from across UofM campus to create an interdisciplinary community and pursue novel engineering and scientific research related to the water chemical and microbial dynamics.	Maryam Salehi, Civil Engineering