

Faculty Research Fellowship Awardees FY20

Theresa Anasti

Sociology, Anthropology, Social Work and Criminal Justice, CAS

How Syringe Exchange Programs Navigate their Sociopolitical Environment: A Qualitative Analysis

Bruce Charlesworth

Art and Art History, CAS

All This Is Yours

Ilias Cholis

Physics, CAS

Modeling the Gamma-ray Emission from the Milky Way's Center

David Dulio

Political Science, CAS

Michigan's Political Geography

Elizabeth Eisenhauer

Nursing, SON

Promoting Informed Choices in Biobanking

Cody Eldredge

Political Science, CAS

The Politics of Reservations and Objections within Human Rights Treaties

Joshua Haworth

Human Movement Science, SHS

Osteoarthritis Pain has Specific Deleterious Effects on Postural Sway Control

Jeffrey Heisler

Music, CAS

Vent: Recording, Commissioning, and Performance of Contemporary American Music for Saxophone by Jeffrey Heisler

Timothy Hodge

Economics, SBA

Does Housing Affordability Matter in Migration?

Tamas Horvath

Mathematics and Statistics, CAS

Mesh Reconnection for Modeling Flows around Rotating Objects

Jun Hu

Mathematics and Statistics, CAS

Improving the Double Sampling Scheme

Sungeun Kim

Political Science, CAS

Density of Nonprofit Organizations under Economic Uncertainty: A Longitudinal Study of Nonprofits in the United States

Wing-Yue Louie

Electrical and Computer Engineering, SECS

Socially Assistive Robots for STEM Interview Training for Adults with ASD

Colleen Ludwig

Art and Art History, CAS

Biomassacre: Power through Eco-grieving

Zexin Ma

Communication, Journalism, and Public Relations, CAS

The Use of First-Person Perspective Immersive Stories to Influence Young Adults' Risk Perceptions and Behaviors Related to Binge Drinking

Weldon Matthews

History, CAS

Modernity's in Contention: The US and Iraq, 1961 to 1967

Melissa McDonald

Psychology, CAS

Overconfidence in Modern Warfare: The Influence of Kinship and Coalition Size

George Milne

History, CAS

Colors of Paradise: Mapping Race in the Eighteenth-Century Île de Bourbon

Taras Oleksyk

Biological Sciences, CAS

Evaluation of Multiple Closely Related Avian Genomes to Identify Selectable Targets for the Economically Significant Traits

Watoii Rabii

Sociology, Anthropology, Social Work, and Criminal Justice, CAS

Policed Lives: Fear, Faith, and Family in the Rustbelt

Amartya Sen

Computer Science and Engineering, SECS

Security Risk Assessment Framework to Improve Safety and Security of Connected and Autonomous Vehicles

Fei Song

Decision and Information Sciences, SBA

Supplier Environmental Performance: How Much are Buyers to Thank/Blame?

Chiaoning Su

Communication, Journalism and Public Relations, CAS

Excavating Truth: A critical Assessment of Citizen-Led Fact-Checking Practices in Post-Authoritarian Taiwan

Kanako Taku

Psychology, CAS

Post-Traumatic Growth and Illusory Growth

Terri Towner

Political Science, CAS

The Battleground for the Great Lakes States: Forecasting the 2020 U.S. Presidential Election

Josephine Walwema

Writing and Rhetoric, CAS

Contending with Language: Merriam-Webster and the idea of America

Alison Woerner

Dance, CAS

Berlin and Other Obscure Dreams: Take Root's Berlin Residency

Ziming Yang

Chemistry, CAS

Identifying Key Environmental Factors for Mercury Methylation in the East Shoreline of Lake Michigan

Faculty Research Grant Awardees

Rebecca Cheezum

Public & Environmental Wellness, SHS

Interviews of Caregivers & Service Providers of People with Dementia in Detroit

Alta Dantzler

Music, CAS

Typeset and Editing of "Anthology of American Operetta through 1920"

Caress Dean

Public and Environmental Wellness, SHS

Utilizing health and wellness coaching to improve Detroit residents' cardiovascular health

Luis Villa Diaz

Biological Sciences, CAS

Study of human pluripotent stem cells under simulated microgravity

Sumit Dinda

Clinical Diagnostic Sciences, SHS

The Effect of Bisphenol-S (BPS) on Steroid Hormone Receptor and Tumor Suppressor Gene in Breast Cancer Cells

Lan Jiang

Biological Sciences, CAS

Role of a Novel Osiris Family Genes in Tracheal Tube Expansion

Elizabeth Kattner-Ulrich

Dance, CAS

100 Years of Balanchine: The Young Ballet in Russia and the Soviet Dancers in Germany

Mingming Liu

Modern Languages and Literatures, CAS

The Möbius Strip of Modernism: Dream of the Red Chamber, Borges, and the Chinese Avant-Garde

Kathleen Pfeiffer

English, CAS

1958 Huntington Turnpike

Crystal VanKooten

Writing and Rhetoric, CAS

Editing a Digital Collection of Essays entitled Methods and Methodologies for Research in Digital Writing and Rhetoric

Yuejian Wang

Physics, CAS

Thermal Stability of Silicon Carbide

Doug Wendell

Biological Sciences, CAS

A Rapid and Inexpensive Test to Identify Hybridization between Native and Introduced Populations of the Common Reed *Phragmites australis*