Agenda

4:00 p.m.  Check-In

4:15 p.m.  Welcome Remarks

4:20 p.m.  Keynote Presentation
Kate Zwaard, Director of Digital Strategy
United States Library of Congress

4:40 p.m.  Health Data Sciences Institute Project
Larry Dennis, Dean
College of Communication and Information

4:50 p.m.  OPD -> ORD
Beth Hodges, Director
Office of Proposal Development

4:55 p.m.  Collaborative Collision Seed Fund
Mike Mitchell, Program Manager
Office of Proposal Development

5:00 p.m.  Poster Session 1 (Garnet)

5:20 p.m.  Poster Session 2 (Gold)

5:40 p.m.  Poster Session 3 (Green)

6:00 p.m.  Reception
Participants

Participant posters with research profiles are available at: research.fsu.edu/CollaborativeCollision
Russell Almond
Educational Psychology & Learning Systems
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Research Interests
• Processing Event Data
• Bayes Nets and Bayes Computation
• Evidence-Centered Assessment Design
• AI and Machine Learning

Michelle Arbeitman
Biomedical Sciences
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Research Interests
• Genomics
• Molecular-genetics of behavior
• Neural circuit function

Rebecca L. Brower
CPS, College of Education
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Research Interests
• Big Qual
• Mixed Methods Integration
• Well-being and Diversity

Henry Carretta
Behavioral Sciences & Social Medicine
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Research Interests
• Population Health
• Study Design and Analysis
• Program Evaluation
Shayok Chakraborty
Computer Science
shayok@cs.fsu.edu

Research Interests
• Machine Learning
• Computer Vision
• Assistive Technology

Angela A. Choi
Business Analytics, Information Systems & Supply Chain
aacho@fsu.edu

Research Interests
• Economics of IT
• Business analytics
• Mobile targeting
• AI and Machine Learning

Colm Connolly
Magnetic Resonance Imaging Facility
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Research Interests
• Cognitive neuroscience
• Behavioral Control
• Neural basis of psychopathology

Judy Delp
Biomedical Sciences
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Research Interests
• Cardiovascular Aging
• Vascular Adaptation to Exercise Training
• Peripheral Arterial Disease
Kani Diop
Family & Child Sciences
kdiop@fsu.edu

Research Interests
• Global Families & Inclusive Approaches
• Immigrant/Refugee/Migrant Families
• Family Systems, Culture, & Traditions

Tarik Dogru
Dedman School of Hospitality
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Research Interests
• Sharing Economy
• Tourism Economics
• Climate Change

James Du
Department of Sport Management
jdu3@fsu.edu

Research Interests
• Sport Marketing and Consumer Behavior
• Sport Management and Public Health
• Sport Analytics and Data Science

Kerry Fang
Urban & Regional Planning
lfang3@fsu.edu

Research Interests
• Urban Innovation
• Industrial Development
• Land Use Policy
Richard Feiock  
Askew School of Public Administration  
rfeiock@fsu.edu

Research Interests  
• Big Data: Fine-Scale (individual level) Policy Analysis  
• Organization and Governmental Collaboration  
• Sustainable Urban Infrastructure

Greg Hajcak  
Departments of Psychology & Biomedical Sciences  
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Research Interests  
• Anxiety, Depression  
• Risk  
• Neuroscience (i.e., EEG/ERP, fMRI)

Jeffrey Harman  
Behavioral Sciences & Social Medicine  
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Research Interests  
• Health policy  
• Mental health services  
• Primary care services

Julie Harrington  
Center For Economic Forecasting & Analysis (CEFA)  
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Research Interests  
• Economic Modeling  
• “Big Data” Analysis  
• Impact Analysis
Zhe He  
School of Information  
zhe@fsu.edu

Research Interests
• Biomedical and Health Informatics
• Artificial Intelligence in Medicine
• Big Data in Health

Chris Hinnant  
Associate Professor and Chair of Ph.D.  
Program, School of Information  
chinnant@fsu.edu

Research Interests
• Relationship between Information Policies and Innovation
• Use of Big Data, Data Science, Machine Learning in Public Sector and AI

Shuyuan Mary Ho  
School of Information  
smho@fsu.edu

Research Interests
• Trusted human-computer interaction
• Computer-mediated deception
• Predictive analytics

Patrice Iatarola  
Educational Leadership & Policy Studies  
piarola@fsu.edu

Research Interests
• High Schools, Courses, Outcomes
• Shaping Decisions
• School Finance & Resources
Noyan Ilk
Business Analytics, Information Systems, & Supply Chain
nilk@business.fsu.edu

Research Interests
- Service Analytics
- Online Customer Support
- Blockchain Technologies

Michael Killian
College of Social Work
mkillian@fsu.edu

Research Interests
- Pediatric organ transplant social work and chronic illness in childhood
- Medication adherence and post-transplant outcomes in pediatric solid organ transplant patients

Kyeonghee Kim
Assistant Professor in Risk Management & Insurance Department (Business)
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Research Interests
- Population health
- Life and health insurance company financing decisions
- Financial institutions

Charalambos Konstantinou
Electrical & Computer Engineering
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Research Interests
- Cyber-Physical Systems
- Cybersecurity
- Machine Learning
Thomas “Tom” Ledermann  
Department of Family & Child Sciences  
tledermann@fsu.edu

Research Interests
• Dyadic Data Analysis
• Relationship Functioning
• Mindfulness

Austin Mast  
Department of Biological Science  
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Research Interests
• Biodiversity Informatics
• Citizen Science
• Plant Diversity

Amy M. McKenna  
Ion Cyclotron Resonance Facility  
National High Magnetic Field Laboratory  
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Research Interests
• Advanced analytical chemistry
• Environmental chemistry
• Data storage repository for data mining

Anke Meyer-Baese  
Scientific Computing  
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Research Interests
• Brain data analysis
• Dynamic graph theory
• Temporal networks
• Advanced machine learning
Eugenia Millender  
College of Nursing  
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Research Interests  
• Mental Health Disparities  
• Interactions among DNA methylation, cluster of mental health symptoms and environmental influences on health outcomes

Jon C Mills  
Behavioral Science & Social Medicine  
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Research Interests  
• HIV and mental illness  
• Causal inference methods  
• Comparative effectiveness

Richard Nowakowski  
Department of Biomedical Sciences  
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Research Interests  
• Omic Analysis of the Brain  
• mRNA, miRNA, protein  
• Regulatory Networks  
• Male/Female Differences in the Brain

Juan Ordonez  
Department of Mechanical Engineering, CAPS, ESC  
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Research Interests  
• Thermodynamics  
• Heat transfer  
• Energy Systems
Jin Gyu Park
High-Performance Materials Institute (HPMI)
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Research Interests
- Materials research via advanced Electron Microscopy (TEM/SEM/FIB)
- High-throughput microstructure characterizations of nanomaterials
- 3D tomography analysis

Tanya M. Peres
Department of Anthropology
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Research Interests
- Big Data
- Foodways
- Past Environments

Deana A. Rohlinger
Sociology
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Research Interests
- Digital discourse
- Digital politics
- Political participation

Allen J. Romano
Program in Interdisciplinary Humanities
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Research Interests
- Text Analysis
- Digital Humanities
- People in Data
Guangzhi Shang  
Business Analytics, Information Systems, & Supply Chain  
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Research Interests
- Retail return policies
- Live-chat contact center management
- Cryptocurrency (Bitcoin)

Kourosh Shoele  
Mechanical Engineering  
kshoele@eng.famu.fsu.edu

Research Interests
- Multiphysics Simulations
- Fluid-Structure Interaction
- Biofluids and Biomechanics

Besiki Stvilia  
School of Information  
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Research Interests
- Data Curation
- Online Communities
- Computational Social Sciences

Yanshuo Sun  
Industrial & Manufacturing Engineering  
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Research Interests
- Optimization theory and applications
- Big data analytics and visualization
- Transportation systems analysis
Angelina (Gina) Sutin
Behavioral Sciences & Social Medicine
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Research Interests
• Personality
• Cognitive Aging
• Obesity, weight stigma
• Lifespan approaches to health

Rebekah Sweat
Industrial & Manufacturing Engineering
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Research Interests
• Micromechanics
• Composites/Nanomaterials
• Digital Twin Simulation

Hui Wang
Industrial & Manufacturing Engineering
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Research Interests
• Multidisciplinary data fusion
• System informatics and optimization

Nico Wienders
Earth, Ocean & Atmospheric Science
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Research Interests
• Ocean Circulation
• Large Ensembles
• Data Mining
Sandy Wong
Department of Geography
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Research Interests
• Environmental Health
• Disability
• Health Inequities

Chong Wu
Department of Statistics
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Research Interests
• Statistical Genetics
• Machine Learning
• Genetics and Genomics Data Analysis

Olmo Zavala-Romero
Center for Ocean-Atmospheric Prediction Studies
olmozavala@gmail.com

Research Interests
• Deep Learning
• Image processing/Computer Vision
• High performance computing

Fanxiu Zhu
Department of Biological Science
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Research Interests
• Tumor viruses
• Viral/host interactions
• Innate immunity
Collaborative Collision Seed Fund

For the second year in a row, the Office of Proposal Development is pleased to announce the availability of competitive funding for project teams that form as a result of Collaborative Collision.

The Collaborative Collision seed fund provides up to $25,000 to the most promising new team to form as a result of connections made at Collaborative Collision events. Collaborative Collision grants are intended to catalyze team development, and allow a new team to position themselves to seek external funding for a new research initiative by demonstrating a history of successful collaboration. Grant recipients are expected to work with the Office of Proposal Development to submit external funding proposals within one year of the conclusion of a Collaborative Collision award.

Teams applying to the seed fund must have attended the corresponding Collaborative Collision, and must not have previously co-authored any grant proposals or peer-reviewed articles.

Full program details may be found at:

research.fsu.edu/CollaborativeCollision