

COLLABORATIVE COLLISION @FSU



Children and Families

AGENDA

- Welcome
 - Beth Hodges, Director, Office of Proposal Development
- Presentations Session 1
- 15-minute Break
- Presentations Session 2
- Special Remarks
 - Dr. Janet Kistner, Vice President for Faculty Development and Advancement and Professor of Psychology
- Networking Reception

COLLABORATIVE COLLISION SEED FUND

- Up to \$25,000 to promising new team(s) to form as a result of connections made at Collaborative Collision
- Catalyze team development, and allow a new team to position themselves to seek external funding by demonstrating a history of successful collaboration.
- Must be related to the Collaborative Collision Topic
- Proposals due May 10th at 5pm
- Funding Opportunity Announcement: OPD.FSU.EDU/collaborativecollision/cc-foa

PRESENTATION SESSION I



Roxanne Hughes

National High Magnetic Field
Laboratory
College of Education

- STEM identity
- Pathways to STEM careers
- STEM cultures

Current research:

- Policies' and programs' impacts on youth's longitudinal trajectories toward or away from STEM interests and careers
- Focusing on STEM identity and how it intersects with other salient identities to effect career plans

Seeking collaborators with expertise in:

- Intersectional identities, particularly for girls and women of color would improve the impact of our research

How I can help:

- I can provide qualitative and longitudinal case study research expertise

hughes@magnet.fsu.edu



Veronica Fleury

School of Teacher Education
College of Education

- Autism spectrum disorder
- Evidence-based practices
- Intervention

Current research:

- Exploring factors that influence parents' and teachers' decision to use research-based practices to treat (or instruct) children with autism.

Seeking collaborators with expertise in:

- (1) the influence of media on belief formation, attitudes, and behavior
- (2) cognitive perspective on behavior or attitudinal change

How I can help:

- An educator's perspective
- Assistance in identifying and validating instructional strategies
- Designing instructional interventions

vpfleury@fsu.edu



Fengfeng Ke

Educational Psychology &
Learning Systems
College of Education

- Digital game-based learning
- Inclusive design of computer-supported collaborative learning
- Mixed-reality integrated immersive learning

Current research:

- Digital game-based learning systems that integrate learning and game objectives, game-based pedagogy, real-time diagnostic learning assessment, and adaptive learning support
- Simulation-based collaborative learning and accessibility design for learners with special needs
- Mixed reality integrated learning environments (MILE)

Seeking collaborators with expertise in:

- Content expertise on multi-modal data capturing and analysis
- Interdisciplinary perspectives toward learning innovations
- Participants recruiting

How I can help:

- Expertise in innovative design and integration of learning technologies and systems development
- Experience with educational data mining and research
- Educational psychology

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Lara Perez-Felkner

Educational Leadership &
Policy Studies
College of Education

- Educational inequality
- STEM postsecondary education
- Socioeconomic status

Current research:

- Young people's social contexts influencing college and career
- Mechanisms that shape entry into and persistence in colleges and fields where they've been traditionally underrepresented
- Racial-ethnic, socioeconomic and gender disparities in post-secondary attainment and entry to scientific careers
- Students' basic needs insecurity

Seeking collaborators with expertise in:

- Qualitative research
- Shared interests in educational inequality, either from a social science or STEM perspective.

How I can help:

- Content expertise in gender and racial/ethnic inequality, STEM higher education, and sociology of higher education
- Experience and expertise on integrating mixed methods, working on multi-investigator teams, and developing and executing an RCT

lperezfelkner@fsu.edu



Sandy Wong

Department of Geography
College of Social Science &
Public Policy

- Environmental influences on health
- Disability
- Health inequalities

Current research:

- Environmental impacts (e.g., temperature, green space, air pollution) on children's health behaviors and outcomes
- Geographic and social influences on disability patterns and disablement processes

Seeking collaborators with expertise in:

- Access to individual health data in the U.S. or Mexico
- Potential mentors for my future NIH K01 grant application

How I can help:

- I can provide or produce physical or social environmental data in the U.S. or Mexico to analyze how environmental contexts influence people's health

swong@fsu.edu



Carla Laroche

College of Law

- Gender justice
- Family law
- Criminal justice reform

Current research:

- Collateral consequences of incarceration for women and their families
- Implicit and explicit bias associated with gender and criminal justice
- Impact trauma has on the increasing incarceration rate among women

Seeking collaborators with expertise in:

- Mixed method design and data analysis

How I can help:

- I have established an extensive network of criminal justice advocates including from individuals who are currently or formerly incarcerated, lawyers, and community organizers

claroche@law.fsu.edu

Paolo Annino

College of Law

- children 0-5 in group homes
- medically fragile children
- children in solitary confinement

Current research:

- Institutionalization of children: children in nursing facilities, in foster group homes and in prisons

Seeking collaborators with expertise in:

- Dialogue, sharing ideas/perspectives from diverse disciplines
- Methodological issues and designing the research project

How I can help:

- In-depth and textured legal knowledge of institutionalized children
- Understanding the legal frameworks and process
- A history of accessing data on this population

pannino@law.fsu.edu



Jessica Bahorski

College of Nursing

- Childhood obesity
- Infant feeding & growth
- Family interactions

Current research:

- The developmental origins of childhood obesity, specifically examining infant feeding practices, infant weight gain, and familial influences on child development

Seeking collaborators with expertise in:

- Multidisciplinary collaboration
- Shared space & equipment
- Expertise in nutrition & metabolic health

How I can help:

- Experience working with infants, children, and families
- Nursing knowledge & skills
- Knowledge on infant feeding and infant growth

jbahorski@fsu.edu



Mandy Bamber

College of Nursing

- Mindfulness meditation
- Informal caregivers
- Children with medical complexity

Current research:

- Relationships between trait mindfulness, psychological measures of distress and wellbeing, and physiological health outcomes of informal caregivers of children with medical complexity
- Well-being, quality of life, caregiver burden, stress, anxiety, depression, immune function, inflammatory response, and cardiovascular function

Seeking collaborators with expertise in:

- Experience in this field and population
- Data collection and analysis. Specifically, the use of venous blood samples to determine immune function and inflammatory response

MBamber@fsu.edu

How I can help:

- Registered nurse and nurse educator in the area for more than 18 years
- Extensive connections in the medical community
- Nursing expertise, licensing, training
- blood samples, intravenous catheters, and administering prescribed medications
- Experience in writing hospital and research protocols for handling blood borne pathogens.

Shannon Hall-Mills

School of Communication Science
& Disorders
College of Communication &
Information

- Written language development, assessment, and identification of written language disorders
- Reading/writing/language interventions for students with language and learning disabilities
- Policy and practice patterns in schools

Current research:

- School-age children and adolescents with language and learning disabilities
- Oral and written language foundations for children
- The role of text structure knowledge in expository reading comprehension and writing

Seeking collaborators with expertise in:

- Perspectives of school-level staff as change agents
- Collaborating on the design of school-based research examining the effectiveness of response to intervention models on student outcomes

How I can help:

- Expertise in child language and literacy development and disorders
- Access to undergraduate & graduate research assistants and research volunteers

shannon.hall-mills@cci.fsu.edu



Kelly Farquharson

School of Communication Science
& Disorders
College of Communication &
Information

- Literacy disorders
- Speech and language development
- Children in poverty/low income homelessness

Current research:

- How school-aged children with varying levels of language use/understanding are able to learn within an educational setting in order to improve early detection and treatment of acquired or developmental language disorders and reduce risk of reading disabilities

Seeking collaborators with expertise in:

- Insight into the best funding mechanisms
- Overall guidance for grant writing tips and practice

How I can help:

- Trained speech-language pathologist focused on the “so what” applicability for practicing clinicians
- Experience in examining how policy influences practices and service provision for special needs children
- Years of clinical experience with children between the ages of birth to 21 who have a variety of language-based communication disorders and disabilities

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Jessica Wendorf Muhamad

School of Communication

- Hyper-vulnerable Populations and Health Disparities
- Participatory and Mixed Methods Approaches
- Entertainment-education and experiential learning

Current research:

- How and why enacted, entertainment-educational experiences (e.g., game-based interventions) influence individuals
- Development of culturally relevant, experientially-based health interventions constructed through a participatory and engaged approach

How I can help:

- I am looking for other researchers interested in working with vulnerable populations, and using participatory research approaches
- I have expertise in mixed methods research design and innovative communication strategies

jwendorfmuhamad@fsu.edu

Mollie Romano

School of Communication Science
& Disorders
College of Communication &
Information

- Caregiver-implemented interventions to support child communication
- Prelinguistic communication development
- Professional development to help serve families with children with disabilities

Current research:

- Caregiver-implemented interventions for infants and toddlers with and at risk for developing disabilities
- Ways to train early interventionists to engage caregivers in ways to support caregiver-child interactions
- preventive prelinguistic communication strategies

Seeking collaborators with expertise in:

- Working with families in with multiple risk factors (poverty, drug use, incarcerations, etc.)
- Early infant-toddler communication
- A different field (i.e. economics) to examine impact of professional development efforts and early intervention, and how to examine cost effectiveness of early programs

mollie.romano@cci.fsu.edu

How I can help:

- Expertise in early communication development in children who are typically developing, who have delays/disabilities, and who are at risk for developing delays and experience measuring child change
- Experience working with families of children with disabilities and within systems that deliver professional development that could be of value to other projects



Michelle Therrien

School of Communication Science
& Disorders
College of Communication &
Information

- Developmental disabilities
- Social interaction, friendship, inclusion
- Universal design

Current research:

- The facilitating factors for friendship development for individuals with disabilities that impact their ability to communicate
- The impact of changes to the environment on social interaction and friendship development

Seeking collaborators with expertise in:

- A different perspective on the impact of communication challenges on friendship and social interaction
- Another field (social work, nursing, education, etc.) who may be interested in improving the quality of life of individuals with disabilities

mtherrien@fsu.edu

How I can help:

- Using technology to support communication
- Consult related to considerations for modifying materials for specific populations, or supporting communication for children or adults who can't speak or struggle to use speech to communicate

PRESENTATION SESSION 2

15-MINUTE BREAK

FSU Libraries

Office of Digital Research and Scholarship

DigiNole: FSU'S DIGITAL REPOSITORY

Please Contact:
rsmart@fsu.edu, Rachel Smart

Content

- Research and technical reports
- Journal articles*
- Conference proceedings, presentations, and posters
- Data sets

Services

- DOI Registration
- Google Scholar indexing
- Views and download metrics
- Altmetrics scores

Melissa Gross

College of Communication &
Information

- Information behavior
- Information literacy
- Child welfare

Current research:

- Information communication technology use of child welfare workers in rural North Florida
- Formal implementation of information systems
- The use of personal hand-held devices and other technology in the workplace

Seeking collaborators with expertise in:

- Young children and/or families
- Child welfare systems and services
- Improving outcomes for children

mgross@fsu.edu

How I can help:

- Bring the lens of my field, information, to a variety of issues that are of concern for children and families
- Extensive research experience using a variety of methods
- Many successful collaborations with researchers within and outside of my field

Julie May McDougal

Institute of Science & Public Affairs

- Pregnancy/maternal depression
- Home visiting in rural communities
- Infant mental health

Current research:

- Exploring the impact of Early Head Start home visiting services on child development and family outcomes

Seeking collaborators with expertise in:

- Promising interventions for infants/toddlers and families
- Quasi-experimental design

How I can help:

- Knowledge of a local, rural community
- Assistance in validating measures or intervention strategies

jmcdougal@fsu.edu



Henry Carretta

Department of Behavioral
Sciences & Social Medicine
College of Medicine

- Health services research
- Chronic disease epidemiology in general
- Persons with Alzheimer's disease, asthma, autism and heart failure.

Current research:

- Conduct evaluation services with the Florida Medicaid Agency
- Long-term care recipient population and access-to-care metrics since implementation of the Florida Statewide Medicaid Managed Care program.
Health services research with colleagues at other universities on the service utilization patterns of adults with autism.
Use of OneFlorida data consortium electronic health records for research

Seeking collaborators with expertise in:

- Grant proposal and manuscript preparation
- Idea generation

How I can help:

- Familiar with the use of large administrative databases, e.g. medical claims
- Statistical programming and analysis
- Study design

henry.carretta@med.fsu.edu



Marianna Tutwiler

Florida Institute for Child welfare

- Child Welfare
- Predictive analytics
- Racial equality in Child Welfare

Current research:

- Predictive analytics in Child Welfare

Seeking collaborators with expertise in:

- Implementation science
- Predictive analytics
- Evaluation

How I can help:

- Connect to social scientists around the state
- Child Welfare perspective

mtutwiler@fsu.edu



Lisa Schelbe

College of Social Work

- Youth aging out
- Foster youth
- Post-secondary education

Current research:

- Foster care and child maltreatment prevention
- Youth aging out of foster care, specifically related to outcomes of early parenting and pursuing post-secondary education

Seeking collaborators with expertise in:

- Data on youth in and aging out of foster care

How I can help:

- Qualitative methodologist and
- Experience on working with interdisciplinary teams

lschelbe@fsu.edu



Mike Killian

College of Social Work

Research Interests:

- Child welfare
- Children's health
- Family social work
- Social work practice
- Measurement
Development
- Quantitative research
methodology

Seeking collaborators with expertise in:

- Statistical support and applied focus in health care services for children and families

How I can help:

- I represent the research capacity and interests of four centers and institutes within the College of Social Work
- We have a great deal of data and possible research collaborations

mkillian@fsu.edu



Barbara White

Institute of Science & Public Affairs

- Teen parents and their children
- Home visiting for justice-involved parents
- Court-involved families with young children

Research Interests:

- Understanding court-involved young mothers and histories of trauma
- Engaging fathers as critical participants in the healthy development of their children
- Measuring the impact of home visiting programs on unique populations

Seeking collaborators with expertise in:

- Higher level statistics and data analysis
- Trauma and criminogenics

How I can help:

- An experienced practitioner's perspective
- Rich data set

bawhite@fsu.edu

Ming Cui

Department of Family & Child
Sciences
College of Human Sciences

- Family processes
- Relationships
- Parenting

Current research:

- Family and interpersonal relationships, parenting, adolescent and young adult development, research methodology

Seeking collaborators with expertise in:

- Shared research interests and desire to work together to submit grant proposals

How I can help:

- Providing expertise in the content area as well as research methodology

mcui@fsu.edu



Heidi Gazelle

Department of Family & Child
Sciences
College of Human Sciences

- Anxiety and social withdrawal
- Child/adolescent/life course development
- Interpersonal interaction and relationships

Current research:

- An emerging adult follow up of an anxious longitudinal sample from middle childhood through early adolescence
- Future plans: A longitudinal study examining interpersonal learning mechanisms and temperament in anxiety development from the early childhood period onwards

Seeking collaborators with expertise in:

- Genetic vulnerability to social anxiety
- I am also open to other aspects of shared interest

How I can help:

- Strengths in developmental methodology, including peer nominations (sociometrics), self-, teacher-, parent-, and teacher-reports, behavioral observation, as well as developmental theory

hgazelle@fsu.edu



Melinda Gonzales-Backen

Department of Family & Child Sciences
College of Human Sciences

- Adolescent development
- Ethnic-racial identity
- Ethnic-racial socialization

Current research:

- Developmental, cultural, and familial factors in adolescent adjustment among Latino youth
- Prevention and intervention efforts targeting substance use and risky sexual behaviors among Latino youth

Seeking collaborators with expertise in:

- Neighborhood-level factors related to health
- Using community-level data such as the American Community Survey/U.S. Census in conjunction with family- and individual-level survey data

How I can help:

- Expertise in adolescent development, cultural processes, and family dynamics among Latino adolescents and families
- Experienced in quantitative survey methods and statistics

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Joanna Wu

Department of Family & Child Sciences
College of Human Sciences

- Maternal mental health
- Child psychopathology
- Family therapy/intervention

Current research:

- Emotional processes within the family and their role in the intergenerational transmission of psychopathologies
- How maternal mental health problems (anxiety, substance use, depression) are associated with adjustment issues in children through mother-child emotional dynamics

Seeking collaborators with expertise in:

- Early childhood mental health

How I can help:

- Quantitative expertise in analyzing questionnaire and observational data

qw3@fsu.edu

Cindy Wilson

Department of Family & Child Sciences
College of Human Sciences

- Child, Adolescent, and Family Prevention Programs
- Community-Based family life education
- Other prevention programs

Current research:

- Community-Based Family Life Education and other prevention programs

Seeking collaborators with expertise in:

- Substance abuse, divorce, sexual violence, adolescent pregnancy/STDs, and other social problems affecting individuals across the lifespan

How I can help:

- Experience working with a number of diverse projects at the local, state and federal level
- Very open to working with other academic departments and research institutions to collaborate on future projects that would benefit children, adolescents, families, or other individuals across the lifespan

cbwilson2@fsu.edu



Jens Foell

Department of Psychology
College of Arts & Sciences

- Personality
- Neuropsychology
- Mental Health

Current research:

- How different personality traits, such as fearlessness or impulsivity, influence accuracy and reaction time when handling several tasks at once, and switching between different rule sets
- Using fMRI brain imaging to learn more about mechanisms and physiology behind fear, impulsivity, and emotion regulation

Seeking collaborators with expertise in:

- Mental health issues or personality traits
- With questions that can be answered via neuropsychological and behavioral investigations, in clinical or healthy populations

How I can help:

- Help collaborators identify the mechanisms and consequences of personality traits or mental health issues, paving the way for more accurate methods to identify, diagnose, or treat the issue at hand

foell@psy.fsu.edu



Tracy Ippolito

Center for Ocean-Atmospheric
Prediction Studies

- Health disparities
- Access to care
- Mental health
- Climate change

Current research:

- Climate change communication
- Several projects through the College of Communication that involve conducting research on sensitive health topics

Seeking collaborators with expertise in:

- Contributing to the broader impacts portion of proposals on a wide range of subject matter
- Communications research expertise on projects exploring the efficacy of various communications approaches, particularly digital visualization

How I can help:

- Communications and education/outreach experience
- Experienced project manager, responsible for the day-to-day operations on multiple grants (including contract management, personnel/budget oversight, communications/outreach, etc.)

tippolito@fsu.edu



Hongyuan Cao

Department of Statistics
College of Arts & Sciences

- Clinical Trials
- High-throughput Omics data analysis
- Mental health outcome

Current research:

- High dimensional and large scale statistical analysis
- Survival analysis, longitudinal data analysis, biostatistics, bioinformatics
- Statistical applications in public health, medicine, education, and psychology

How I can help:

- As a statistician, I can help scientific collaborators to analyze data, explain the modeling and interpret results
- I am willing to invest myself to learn a new substantive area and be expert both in statistical methodology and subject area

hcao@fsu.edu



Andrea Barton-Hulsey

School of Communication Science &
Disorders
College of Communication &
Information

- Reading development
- Language development
- Intellectual and developmental disabilities

Current research:

- Characterizing linguistic skills that children with intellectual and developmental disabilities (IDD) use for reading development, inclusive of those children with limited speech ability
- Examining relationships between speech ability, vocabulary knowledge, receptive language, phonological awareness, and access to home and school literacy instruction

Seeking collaborators with expertise in:

- Advanced statistical training for intervention research methods
- Interested in curriculum development and test development
- Eye tracking and data collection using automated software in the behavioral sciences

abartonhulsey@fsu.edu

How I can help:

- Provide content knowledge related to children with have developmental disabilities, their language, and reading development

DR. JANET KISTNER

VICE PRESIDENT FOR FACULTY DEVELOPMENT AND ADVANCEMENT

PROFESSOR OF PSYCHOLOGY

NETWORKING RECEPTION

ALUMNI CENTER COURTYARD