Welcome to the Department of Mental Health!

Johns Hopkins Bloomberg School of Public Health
Our Mission

- To advance understanding of mental and behavioral disorders,
- To develop, implement, and evaluate methods to prevent and control these disorders, and
- To promote mental health in the population
- To educate the next generation of public health professionals that will promote this mission
Department at a Glance

- **Founded:** 1963
- **Students:** 29 doctoral students; 41 masters students
- **T32 slots:** 15 stable ~6 floating (~.9 slots per faculty)
- **Professorial Faculty:** 28
- **Scientist Faculty:** 11
- **All Faculty:** 54 full-time; 119 affiliated
- **Alumni:** 1011
- **Degree Programs:** PhD and MHS
- **Highlights:** We are the only department dedicated to mental health, in a school of public health, in the world.
Public health issues we address:

- Violence prevention
- Global mental health
- Dementia
- Autism spectrum disorder
- Service and pharmacy utilization
- Genetic epidemiology of neuropsychiatric conditions
- Mindfulness
- Severe psychiatric illness
- Urban health
- Prevention of child sexual abuse
- Sleep & cognition
- Integration of psychiatric and primary care
- School-based interventions
- Drug dependence prevention, intervention, policy
- Suicide prevention

Faculty and student methodologic expertise:

- Epidemiologic methods
- Wearable devices
- Causal inference
- School-based interventions
- Implementation science
- Latent class modeling methods
- Statistical genetics
- Expression and sequencing analyses
- Epigenetics
Department of Mental Health Student Handbook for 2020-21 is located at: https://www.jhsph.edu/departments/mental-health/current-students/student-handbook/Student%20Handbook%202020-21.pdf

Bloomberg School of Public Health Academic Catalogue 2020-21 is located at: https://e-catalogue.jhu.edu/public-health/
https://www.jhsph.edu/departments/mental-health/current-students/: Our DMH website is a great resource, including information about all our students!

My.jhsph.edu: Internal portal with a TON of useful information

www.jhsph.edu: External website – great covid updates and public health news
Meet Each Other!

Founded in 1941, the Department of Mental Health attracts students from all over the country and around the world—each contributing in a unique way to a dynamic learning environment on the cutting edge of mental health research. As a component within the Johns Hopkins Medical Campus community, the Department of Mental Health engages in a wide range of collaborative projects which actively engages our students in research projects.

The City of Baltimore provides rich social, cultural and academic activities. The Bloomberg School’s proximity to other major cities such as Washington, DC, Philadelphia and New York offers students further opportunities for exploration and research experiences.

Students may also tap into the resources of the other schools within Johns Hopkins University, which extends across the Baltimore-Washington region and offers many academic disciplines.

The Department of Mental Health offers a doctoral training program leading to the Doctor of Philosophy (PhD) and a master’s program which leads to the Master of Health Science (MHS) degree.
Department of Mental Health Student Group

The MHSG provides a forum for departmental students to engage in professional development, network, advocate for students, and participate in social activities.

Past activities

- Professional development workshop during noon seminar
- “Taco Bout It” event featuring student stories of mental health and wellbeing
- Various social events, both on and off campus (e.g., apple-picking, ice skating, bake-off)

Current Leadership (2020 - 2021)

- President: Emily Smail, PhD candidate
- Vice Presidents: Justin Cho, Krishna Patel and Louis Spencer, MHS students
- Student-Faculty Representative: Darlynn Rojo-Wissar, PhD candidate
- Social & Service Chair: Kira Riehm, PhD candidate
- PhD Requirements Committee student rep: Luke Aldridge, PhD student
- Course Review Committee student rep: Anvita Bhardwaj, PhD student
- MHS Curriculum Committee student rep: Defne Alver, MHS student
Student Gathering (virtual)

Thursday, Aug 27th
4pm – 5:30 pm EST

Bring a beverage or snack of your choice and meet new and current students!

Organized by the Mental Health Student Group
DMH Virtual Social/Happy Hour

DATE: Monday, October 5, 2020
TIME: 5:00 - 6:00 pm
WHERE: Anywhere you are!

Did someone say brainteaser?

...or pet snake or item of interest!

Invitees: Students, Faculty & Staff in the Department of Mental Health
Student Assistance

1) The Office of Student Life (OSL)
   Assists in navigating resources pertaining to personal and academic challenges.
   One-on-one appointments available! Email jhsp-studentlife@jhu.edu or call (410) 955-3034.

2) Johns Hopkins Student Assistance Program (JHSAP)
   Assist students with any pressures or difficulties they may face during their academic careers.
   Services are FREE and include short-term counseling, crisis response, healthy relationship support, school-life coaching and adjustment, educational workshops and more!
   Visit www.jhsap.org for more info. Email jhsap@jhu.edu or call (443) 287-7000

3) Disability Support Services (DSS)
   a) Arranges for review of documentation and provides individuals with reasonable accommodations for disabilities.
   b) Email jhsp.dss@jhu.edu or call (410) 955-3034 to meet with a DSS representative.

4) University Health Services (UHS) Primary Care & UHS Mental Health
   a) Provides resources and appointments for physical (primary care services) and mental (psychiatric assessment and treatment) well-being.
   b) Call 410-955-3250 (primary care) or 410-955-1892 (mental health care) to make an appointment.
Student Wellbeing

Stay Tuned: *InThisTogether workshops* in September

[7 Dimensions of Wellness]

- Physical
- Financial
- Social
- Sexual
- Emotional & Mental
- Professional
- Spiritual

SPH Wellness Committee
[my.jhsph.edu/Resources/WellnessAndQualityOfLife](http://my.jhsph.edu/Resources/WellnessAndQualityOfLife)

UHS Wellness
[uh.s.jhu.edu/wllness](http://uh.s.jhu.edu/wllness)

JHU Student Wellness
[wellness.jhu.edu](http://wellness.jhu.edu)
Meet Our Faculty and Staff
Dani Fallin, PhD  
Sylvia and Harold Halpert  
Professor & Chair  
Director, Wendy Klag Center  
Hampton House 850  
dfallin@jhu.edu

Research:
Genetic and environmental epidemiology of mental disorders - autism, schizophrenia, bipolar, Alzheimer’s disease; epigenetic epidemiology; epidemiologic research methods.

Classes:
330.662 Public Mental Health (1st term, Friday 1:30 – 3:20)

300.700 Public Health Approaches in Autism and Developmental Disorders (3rd term, Tu/Th 3:30 – 4:50)
Etiology of Autism Spectrum Disorder

Genetics
Inherited
- Common SNP
- Common CNV
- Rare SNV
- Rare CNV
De novo
- Rare SNV
- Rare CNV

Environment
Parental Characteristics
- Age
- Medical Conditions
- Perinatal/Obstetric
- Nutrition
Toxicants
- Chemical
  - Behavioral
  - Environmental
  - Occupational
  - Pharmaceutical
  - Biological

Gene x Environment
Statistical and Epidemiologic Interactions
- Exposure modified by genetics
- Genetics modified by exposure
- Genetic and environmental synergism

Biological Interactions and Molecular Targets
- Exposure mediated by genetic alterations
- Gene product contact with exposure
- Epigenetics

Risk of Autism Spectrum Disorders


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Mental Health issues in low- and middle-income countries; designing and evaluating methods for assessing mental health and mental illness across cultures; investigating effectiveness of innovative prevention and intervention strategies in low-resource settings; intersection of mental health and economic development.

330.620 Qualitative and Quantitative Methods for Mental Health and Psychosocial Research in Low Resource Settings
Interviewer Training in Democratic Republic of the Congo
Jeanine Parisi, PhD
Associate Scientist
Director, MHS Program
Hampton House 893
jparisi1@jhu.edu

Adult development and aging; cognition; intellectual and social engagement; personality; prevention and intervention; program evaluation

MHS seminars:
From Proposal to Publication I (330.811) and II (330.812)
Lifestyle Activities and and Cognition in Adulthood

Behavioral Interventions

- Cognitive Training Models
- ACTIVE / ACTIVE Memory Works
- Senior Odyssey
- Experience Corps

Engagement Models

Observational Studies

- Day Reconstruction Method
- Women’s Health and Aging II Health and Retirement Study
- National Health and Aging Trends Study
- Project Talent

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DMH Organization Chart

Chair
   - Dani Fallin
   - Assistant to the Chair
     - Michelle Maffett

Vice Chair for Education
   - Judy Bass

Vice Chair for Research & Faculty
   - Adam Spira

Vice Chair for DEI
   - Renee Johnson

Director of MHS Program
   - Jeanine Parisi

Academic Program Administrator
   - Patty Scott

Communications Specialist (shared)
   - Caitlin Hoffman

Research and Analytics Specialist
   - Scott Hubbard

Administrator
   - Carlina Carter

Grants and Contracts Manager
   - Ryan Rinker

Grants and Contracts Analyst
   - Karen Edsell

Budget Analyst
   - Sam Hubbard

Budget Assistant
   - Candice Davis

HR Coordinator
   - Sherrie Morris
Adam P. Spira, PhD
Professor
Vice Chair for Research & Faculty
Hampton House 794
aspira@jhu.edu

Association of sleep health with cognitive, functional, and neuroimaging outcomes; Alzheimer’s disease

Psychopathology for Public Health
330.617.60 (blended) & 330.617.81 (online)
Prospective association of sleep duration with subsequent cortical thinning in cognitively normal older adults ($N = 122$).

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- Sam Hubbard

Budget Assistant
- Candice Davis

HR Coordinator
- Sherrie Morris
**Past 30-day substance use among 8th, 10th and 12th graders, Washington State, 2004-2016**

<table>
<thead>
<tr>
<th>Year</th>
<th>Marijuana %</th>
<th>Cigarettes %</th>
<th>Alcohol %</th>
</tr>
</thead>
<tbody>
<tr>
<td>2004</td>
<td>14%</td>
<td>15%</td>
<td>20%</td>
</tr>
<tr>
<td>2006</td>
<td>14%</td>
<td>15%</td>
<td>16%</td>
</tr>
<tr>
<td>2008</td>
<td>14%</td>
<td>16%</td>
<td>19%</td>
</tr>
<tr>
<td>2010</td>
<td>12%</td>
<td>17%</td>
<td>22%</td>
</tr>
<tr>
<td>2012</td>
<td>9%</td>
<td>17%</td>
<td>25%</td>
</tr>
<tr>
<td>2014</td>
<td>8%</td>
<td>19%</td>
<td>28%</td>
</tr>
<tr>
<td>2016</td>
<td>7%</td>
<td>16%</td>
<td>29%</td>
</tr>
</tbody>
</table>

**Areas of expertise:**
Adolescent and emerging adult health; substance use epidemiology; cannabis/marijuana policy; violence, suicide, & unintentional injury

**Courses:**
- Epidemiology of Substance Use and Related Problems (Terms 1 & 2);
- An Experiential Learning Approach to Substance Use Epidemiology (Terms 1-4)
Leslie Adams  
Assistant Professor  
ladams36@jhu.edu

Research interests:
• Black men’s mental health (depression and suicide)  
• Mental health services use disparities in Black communities  
• Discrimination and mental health in marginalized populations  
• Mixed methods and community-engaged approaches
Current Projects

Real-time assessments of suicidality among Black men
- Race-related stressors and suicidality

Other current projects:
- Expanding cross-cultural depression measures among Black men
- Using harmonized data to examine discrimination and mental health in the U.S., Brazil, and South Africa
Longitudinal impact of adverse childhood experiences on socioeconomic trajectories and sexual health outcomes

Nationally representative samples; community cohorts
Current Projects

- Impact of child sexual abuse on economic insecurity in mid-adulthood
- Pathways from adverse childhood experiences to racial and ethnic disparities in HIV/STIs
- Child sexual abuse prevention in youth serving organizations
Jura Augustinavicius, PhD
Assistant Scientist
jaugust6@jhu.edu

Mental health assessment and intervention among populations exposed to adversity in low-resource settings
Mental health among conflict-affected populations; Mental health among HIV-affected populations; Research-practice collaborations on mental health measurement and intervention in humanitarian settings; Mental health and psychosocial well-being in the context of climate change.

330.609.81 Climate Change and Mental Health: Research, Practice, and Policy Perspectives (4th Term)
330.665.89 Climate Change and Mental Health (Summer Institute)
Sachini Bandara, PhD  
Assistant Professor  
Hampton House  
sbandar2@jhu.edu

Research Interests
Evaluating impact and implementation of mental health and substance use policies
• Health financing and delivery system reforms  
• Policies affecting individuals involved in the carceral system  
• Policy responses to the U.S. overdose crisis  
Communication strategies that can reduce public stigma and improve support for public health policies.
Current Research Projects

Evaluation of Policies Related to Drug Use in Pregnancy
  • Mixed methods study to evaluate the implementation and effects of state laws related to drug use in pregnancy

Expansion of Medication for Opioid Use Disorder in Carceral Settings
  • Qualitative study to understand facilitators and barriers to providing opioid agonist treatments in carceral settings

Effect of high-risk opioid prescribing laws on individuals with chronic pain
  • Using large administrative claims databases to understand trends in opioid prescribing and effect of prescribing laws

Evaluation of Bloomberg Opioid Initiative efforts

Examining Political Ad Coverage of Gun, Drug and Criminal Justice Reform Policies
Kelly Benke, PhD
Assistant Scientist
Hampton House 804
kbenke@jhsph.edu

Methods and applied research relating to the genetics of Cognitive Aging and Alzheimer’s Disease, Childhood Emotional and Behavioral Problems, Bipolar disorder, and Autism Spectrum Disorder.
Genetic Susceptibility of Neurodevelopment

- Build polygenic risk scores (PRS) from genome-wide data in several ASD studies:
  - High Risk Sibs Longitudinal Cohort designs
    - EARLI Autism Risk Longitudinal Investigation (EARLI)
    - Markers of Autism Risk in Babies Learning Early Signs (MARABLES)
    - Infant Brain Imaging Study (IBIS)
  - Population-based Case Control Study
    - Study to Explore Early Development (SEED)

- Use PRS as a tool for:
  - Prediction (e.g. early screening)
  - Etiology (e.g. GXE Interaction, co-occurring conditions)
Paul Bolton is affiliated with Center for Humanitarian Health (CHH).

Paul has been working in mental health research, policy, practice and capacity building in low- and middle-income countries (LMIC) for 20 years. His work includes collaborative field-based research with service providers and other researchers to inform programming, focusing on measurement of mental health needs and in defining and assessing outcomes in intervention design, development and implementation. He has developed field-based mixed methods to understand how mental health problems present and are described in various settings. Current work includes scale up of evidence-based mental health services and investigating ways to support evidence-informed policy planning in Ukraine and Myanmar.

Dr. Bolton will be on full-time secondment to USAID and unable to advise students during this time.
Michelle C. Carlson, PhD
Professor
Center on Aging and Health
Center on Innovation and Aging, SON
mcarlso2@jhu.edu
www.carlsonlab.org

Cognitive and brain health; Alzheimer’s disease; cognitive, physical and social engagement; neighborhood factors; mobile technology

Courses- 330.623.01 Brain and Behavior in Mental Disorders (4th term)
Neuroimaging: Applications and Methods in Mental Health (Bakker & Carlson; 2nd term)

Deputy Director, DMH Summer Institute
Co-Director, MPH Concentration on Aging in Public Health

Studies Oversight: Cardiovascular Health Study (30 years+)
Baltimore Experience Corps Trial & Brain Health Study (4 years)
Ginkgo Evaluation of Memory (GEM) Trial (8 years)
Women’s Health & Aging Study II Cognitive Pathways (10 years)
Current and Future Directions: Simulating a Real-World Environment

**Socio-functional Spaces**

**Neighborhood Context**

**Cognitive performance**

**Experience Corps**

**Activity in “the wild”**

- IADL
- Aging in place
- Quality of life

**SIMULATED REAL WORLD**

- Safe in-home
- Low resource use
- Cost effective

**PERSON-ENVIRONMENT**

**STRUCTURED COMMUNITY ENGAGEMENT**

**NAVIGATING THE REAL WORLD**

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Johns Hopkins Bloomberg School of Public Health
Laura Clary, PhD
Assistant Scientist
Hampton House, room 393
lclary3@jhu.edu
Human Development/Quantitative methods

Research Interests

• School-based interventions
• Children's and adolescents' social, emotional, and mental health
• Risk and protective factors (proximal – distal)
• Change over time/longitudinal studies
Current Projects

- Follow-up during COVID: efficacy of school-based trauma-informed mental health intervention in schools (PI: Mendelson)

- Bullying/victimization
  - Prevalence/Mental Health in adolescents (CHIS)
  - Risk factors for urban youth
  - Evaluating anti-bullying interventions

- Resilience/Positive Mental Health
  - Flourishing, protective factors
William W. Eaton
PhD (sociology),
University of Wisconsin-Madison

Professor
Department of Mental Health
Hampton House 880A
weaton@jhsph.edu

Areas of Interest:
Epidemiology of mental disorders; schizophrenia; depression; sociology of mental disorders; measurement; research methods.

Courses taught:
330.603.01  *Psychiatric Epidemiology* (with Heather Volk)

522.609.81  *Psychological and Behavioral Factors that Affect a Population's Health* (with Elli Leontsini and Meghan Moran)

330.669.89  *Epidemiology of Major Mental Disorders* (with Peter Zandi)
Generation 3: Survey Diagnostic Interviews

Wave 5 Followup of 1981 Baltimore ECA cohort after 35 years
MPI with Adam Spira et al

Wheat and Schizophrenia
Gluten Withdrawal RCT in Gliadin-Positive Schizophrenia
MPI with Deanna Kelly et al, Maryland Psychiatric Research Center
Racial disparities in the juvenile justice system;

physical and sexual violence prevention among adolescents;

racial disparities in mental health treatment
Disparities in the Juvenile Justice System

- Community Program Evaluations
  - Building Our Nation's Daughters
  - UHI's Bunting Program
- BIPOC Community-Police Relationships
  - Disparities in substantiation
- Implicit Racial Bias Reduction
  - Program evaluation
Joseph J. Gallo, MD, MPH
Professor
Director, Mixed Methods Research
Training Program for the Health Sciences
Hampton House 872
jgallo2@jhu.edu

Mixed Methods Research Program for the Health Sciences
Enter through the Scholar Portal with username mixedmethods
and passcode Taxi1!cab

Depression in Older Adults
Pulmonary disease (older adults in Peru)
Osteoarthritis (with colleagues at University of Maryland)
Prostate cancer (with colleagues at University of Pennsylvania)
Diabetes (SciBAR project)
Gallo JJ et al. Role of Persistent and Worsening Sleep Disturbance in Depression Remission and Suicidal Ideation Among Older Primary Care Patients: The PROSPECT Study. Sleep 2020 Apr;2;zsaa063. doi: 10.1093/sleep/zsaa063

- **Mixed methods**
- **Relation of physical and mental health**
- **Primary care and non-psychiatric settings**

- Intersection of physical and mental health course offered in 4th term
- NIH Mixed Methods Research Training Program for the Health Sciences (national program)
- Summer Institute on Mixed Methods in Public Health Research
- "Preventing the syndemic of depression and chronic medical illness"
- PCORI project on depression and anxiety in decision making among men with early prostate cancer
- “Hearing Norton Sound” mixed methods community-based mixed methods randomized trial to improve hearing services among children in Alaska
- Precursors study of Johns Hopkins medical students of classes of 1948-1964, recent focus on end-of-life decision making
Developmental psychopathology; treatment of child and adolescent psychiatric disorders; preventive clinical trials.

330.607.01 and 330.607.81 Prevention of Mental Disorders: Public Health Interventions
PATHS to PAX

Integrating Two Evidence-Based Universal Interventions

PATHS
A curriculum that explicitly teaches social emotional skills

PAX Good Behavior Game
Classroom Management System
Andrew E. Jaffe, PhD
Assistant Professor
andrew.jaffe@libd.org
Lieber Institute for Brain Development

- Computational biology, genomics, and statistical analysis for psychiatric disorders and brain development, focusing largely on human postmortem samples
- Transcriptomics, epigenomics, and functional genomics
Luke Kalb, PhD, MHS
Assistant Professor (DMH)
Kennedy Krieger Institute
lkalb2@jhu.edu

330.688.01 Public Health and the Good Life

Populations
Developmental Disabilities
Children, Adolescents, and Young Adults

Psychiatric Services
Emergency Department Utilization
Inpatient Hospitalization
Outpatient Care

Measurement
Psychometrics, Latent Variable Modeling
Measure Development
Well-Being
Mental Health Crisis

Information Methodology
Technology
Health Information Systems
Learning Health System
Trends in Psychiatric Emergency Department Visits Among Youth and Young Adults in the US
Luther G. Kalb, Emma K. Stapp, Elizabeth D. Ballard, Calliope Holingue, Amy Keefer and Anne Riley
*Pediatrics* 2019;143;
DOI: 10.1542/peds.2018-2192 originally published online March 18, 2019;
Sheppard G. Kellam, MD
Professor Emeritus
Hampton House 786
skellam@jhu.edu
Improving the health and wellbeing of children, youth, and families through systemic change, improvements of health, and increasing neighborhood assets and collective efficacy.

330.607.01 Prevention of Mental Disorders: Public Health Interventions

280.120 and 280.320 Health and Wellbeing in Baltimore: A Public Health Approach
Challenge: Health Affects Academic Achievement and Pathways to Success but Your ZIP Code Affects Your Health
Jeannie-Marie Leoutsakos
Associate Professor
Department of Psychiatry and Behavioral Sciences (Primary)
Department of Mental Health (Joint)
Jeannie-marie@jhu.edu

Latent variable methods (particularly latent class analysis and growth mixture models). Dementia (particularly neuropsychiatric symptoms in AD) and design of AD prevention trials.

- 330.657.01 Statistics for Psychosocial Research: Measurement
- 140.658.01 Statistics for Psychosocial Research: Structural Models
Current/Potential Projects

• Improving Efficiency of Alzheimer prevention and treatment trials (enrichment, adaptive designs, modeling strategies)

• Construction of composite outcomes for AD prevention trials

• Trajectories of psychiatric symptoms in cognitively normal elderly and risk of dementia

• Applications of machine learning methods to predict dementia.

• Precision medicine for AD
Research Interests

- **Prevention projects**
  - Responsible Behavior with Younger Children
  - Help Wanted Prevention Project
  - Parents Promoting Positive Sexual Development (with Tamar Mendelson)

- **Sex crime policy evaluations**

- **Clinical interventions for adolescent sexual and substance use risk reduction**

Courses

- 2nd quarter: 330.611 Writing publishable manuscripts for the social and behavioral sciences;
- 4th quarter: 330.640.01 *Childhood Victimization: A Public Health Perspective*
- Summer Institute: 330.647.11 Childhood Victimization: An Overview of Public Health Efforts

*regrettably unable to attend*
Economic Burden of Child Sexual Abuse

Based on substantiated CSA cases in 2015:
• Estimated annual economic burden of CSA is approximately $9.3 billion
• Estimated average lifetime cost = $283,000 per female victim of nonfatal CSA
• We lacked credible economic data to estimate the cost for male victims of nonfatal CSA

This study galvanized a bi-partisan effort that we anticipate will lead to increased federal appropriations for CSA prevention science
Sabriya L. Linton, PhD, MPH  
Assistant Professor  
Hampton House 882  
slinton1@jhu.edu

Research interests:
Social epidemiology of substance use and STI/HIV, racial disparities, community development and housing policies, social network dynamics  
Mixed methods (multilevel, spatial, qualitative) and community-based participatory approaches

Courses:
330.805.01 Seminar on Statistical Methods for Mental Health (2nd-4th term, co-instructing with Elizabeth Stuart and Sarah Murray)

308.650.81 Public Health Perspectives on US Drug Policy (online 3rd term, co-instructed with Alene Kennedy-Hendricks)
Current Research

Mixed methods study (spatial, qual) of gentrification, racial & income segregation, housing burden, health services, and STIs in Atlanta, GA

Mixed methods study (quant, qual, Photovoice) of the impact of public housing redevelopment on behavioral health among East Baltimore residents

Development and evaluation of Financial Political Popular Education Trainings on physical and mental health and social capital among East Baltimore residents

Multilevel analyses identifying local and macro-level determinants of HIV outcomes and overdose risk among people who inject drugs in Baltimore and other cities
Brion Maher, PhD  
Professor  
Co-Director, DDET  
Hampton House 788  
brion@jhu.edu

Psychiatric and behavioral genetics; Genetics and epigenetics of substance use disorders; Statistical genetics and genetic epidemiology

330.660.01 Grant Writing for the Social and Behavioral Sciences  
330.619.01 Analytic Strategies in the Genetics of Psychiatric, Behavioral and Other Complex Diseases
Tamar Mendelson, PhD  
Bloomberg Professor of American Health  
Director, Center for Adolescent Health  
Hampton House 853 / Wolfe St. E4608  
tmendel1@jhu.edu  
@MendelsonTamar

Prevention of emotional and behavioral problems and promotion of wellbeing in urban youth; school-based intervention trials; mindfulness; opportunity youth; perinatal mental health

380.633.81 Promoting Equity for Adolescents and Emerging Adults  
(2nd term, online)

330.607 Prevention of Mental Disorders: Public Health Interventions  
(4th term) – Co-teaching with Dr. Rashelle Musci
Yoga for youth

Community partner:
The Holistic Life Foundation
www.hlfinc.org
Ali Smith
Atman Smith
Andres Gonzalez
Laura Murray, PhD, MA
Associate Scientist
lmurra15@jhu.edu

Areas of Interest:

• Dissemination and Implementation Research
• Evidence-based treatments for children, families and adults in LMIC; Transdiagnostic approaches
• Training and Supervision of mental health services
• Impact evaluations: Trauma, abuse, violence, HIV
Apprenticeship Model

In Person Training

Practice Groups: Focus on practicing the components before seeing clients
Supervisor coaching during role plays

Supervision Groups: Group discussion of cases; continued supervisor coaching during role plays

CBI: First Client
Focus on ONE client first

CBI Study Clients
Client 1
Client 2
Client 3
Number of clients depends on the counselor skill

These can overlap some
Weekly skype calls w trainers throughout the project

TIME ..........
Two weeks...........Four weeks............... Varies: 8-12 weeks............... Study enrollment period

Murray et al., 2011
Sarah McIvor Murray, PhD, MSPH
Assistant Professor
Hampton House 863
sarah.murray@jhu.edu

Research interests: global mental health; stigma; gender-based violence; mixed-methods; cross-cultural measurement

Courses:
• 330.661.89- Mental health and psychosocial needs of refugees after resettlement in high-income countries (Summer Institute, online)
• 330.630.89- Stigma and mental health: Issues and intervention (Summer Institute, online). In process- 3rd term critical service-learning course
• 330.805.01 - Seminar on statistical methods for mental health (mixed methods). Co-taught with Dr. Linton

Global mental health student lab group meets the 2nd and 4th Monday of every month from 12-1:20
Cross-cultural assessment of stigma among key populations

Along with Dr. Baral in Epi and Dr. Augustinavicius in DMH, secondary data analysis funded by NIH and UNAIDS

Depression-prevention enhanced group antenatal care (G-ANC) for pregnant adolescents in Mali

Along with Dr. Mendelson and Dr. Lasater in DMH, faculty from the School of Nursing and faculty at USTTB in Bamako a mixed-methods pilot study

Moving from this...

To this.
Rashelle Musci, PhD
Assistant Professor
Hampton House 831
rmusci1@jhu.edu

Advanced latent variable modeling; RCT Methodology; Data Harmonization
Developmental psychopathology; Psychiatric genetics; suicide etiology

330.607 Prevention of Mental Disorders: Public Health Interventions
330.614 Advanced Latent Variable Modeling: Matching Model to Question
Baltimore Generations Project

- Harmonizing data from existing cohorts to investigate environmental exposures — physical, chemical, biological, social, behavioral, natural and built environments — on child health and development.
  - N≈50,000 kids

Within the harmonized dataset, we will identify the impacts of prevention programs in early childhood on long-term outcomes including 1) suicidal ideation, attempt and death, and 2) depressive, anxious, and psychotic symptoms and disorders.

Figure 1: Study overview
Mental health services mental and substance disorders; Mental health treatment seeking in the community; Pharmaco-epidemiology of psychiatric drugs

330.664.01 *Introduction to Mental Health Services*
Figure. Adjusted Trends in Mental Health Care Among Adolescent Participants of the National Survey on Drug Use and Health, 2005-2018

A. Type of mental health problems

- Internalizing
- Externalizing
- Relationship
- School-related


Adolescents, %
Reshmi Nair, PhD
Assistant Scientist
Moore Center for the Prevention of Child Sexual Abuse
415 N. Washington St. Suite 517
reshmi.nair@jhu.edu

Biostatistics and Epidemiology with applications in criminal justice and public health interventions

Time Series Analysis, Longitudinal Data Analysis, Survival Analysis, Randomized Control Trials, Survey Methodology
Current Projects

- **Effects of policies:**
  - Juvenile sex offender registration and notification policies (state level juvenile justice data)
  - Impact of Medicaid Expansion Policy on child abuse & neglect, youth violence, & intimate partner violence (NCANDS data & NIBRS data)

- **Examining the evidence of macrosystem factors that might influence rates of child sexual abuse** (NCANDS data & VACS data)

- **RCT studies:** RBYC (prevention program), TREAT trial (Methods), TAOS study with METRC group
Trang Q. Nguyen, PhD, MHS, MS
Assistant Scientist
Rm 800 HH
trang.nguyen@jhu.edu

The Stuart Lab: causal inference methods to infer causal effects from observational and experimental studies

Applied research: broad interests
mental health, substance use, HIV, health disparities, social determinants of health, etc.
next (hopefully): treatment effect heterogeneity, missing data, semi-/non-parametric methods
Prevention program implementation and dissemination in schools, school consultation/coaching models for promotion of program implementation and student outcomes, effects of school and classroom context on student behavioral and social-emotional outcomes, suicide prevention in schools.
School-based preventive interventions across the PH continuum

- Coping
- Power
- Check & Connect
- MH and suicide prevention
- Restorative practices
- Social emotional learning
- Teacher coaching to address: climate, classroom management, bullying, cultural responsivity
- Universal positive behavior supports
Jill Rabinowitz, PhD
Assistant Scientist
Hampton House, room 880B
jrabino3@jhmi.edu

gene by environment interplay;
etiology of substance use disorders;
early environmental exposures and the development of internalizing and externalizing psychopathology
George W. Rebok, PhD, MA
Professor
Co-Director, Johns Hopkins Alzheimer’s Disease Resource Center for Minority Aging Research (JHAD-RCMAR)
Co-Director, NIA T32 Age-Related Cognitive Disorders Training Program
Hampton House 891
grebok1@jhu.edu

Life-span developmental psychology; gerontology; prevention research; cognitive neuropsychology; developmental methodology; mental health and aging; dementia

330.661.01 Social, Psychological and Developmental Processes in the Etiology of Mental Disorders (3rd term);
330.618 Mental Health in Later Life (4th term, offered 2021);
330.802.01 Seminar on Aging, Cognition and Neurodegenerative Disorders (1st-4th terms, offered 2021-22)
Life-Course Development and Prevention

• **ACTIVE Study** – Multisite, RCT of >2800 older adults to prevent cognitive and functional decline; 10-yr follow-up study published. 20-yr follow-up grant funded in September 2017 (NIA)

• **Experience Corps®** – RCT of >700 older adults and >12,000 Baltimore City school children in grades K-3 to prevent physical and cognitive declines and improve educational outcomes. 10-12-yr follow-up grant funded in September 2019 (NIA)

• **CALLA** – RCT of cognitive intervention program simultaneously learning multiple real-world skills (NSF)

• **Body Brain Life/Australia** – RCT of an online dementia risk reduction program in at-risk middle-aged adults
Elizabeth A. Stuart, PhD  
Associate Dean for Education  
Bloomberg Professor of American Health  

Hampton House 839  
estuart@jhu.edu; @lizstuartdc  
www.elizabethstuart.org

Statistical methods for analyses of mental health and mental disorders, particularly estimating the effects of programs or policies

Center for Mental Health and Addiction Policy Research (HPM); Quantitative Social Science (Biostatistics)

140.664.01, 140.664.81  Causal Inference in Medicine and Public Health
Ryoko Susukida, PhD
Assistant Scientist
Hampton House, room 808
rsusuki1@jhu.edu

Applied statistical analysis in mental and behavioral health; Substance use disorder treatments; Suicide prevention; Data harmonization; Evidence synthesis; Treatment effect heterogeneity

330.674.01 Suicide As a Public Health Problem
Data harmonization of completed RCTs

Evidence synthesis leveraging multiple RCT data sets

Comparing pharmacological treatments for cocaine dependence: Incorporation of methods for enhancing generalizability in meta-analytic studies

Ryoko Susukida¹,² | Rosa M. Crum¹,³,⁴ | Hwanhee Hong¹ | Elizabeth A. Stuart¹,⁵,⁶ | Ramin Mojtahed¹,⁴

Validation of Addiction Severity Index (ASI) for Assessment of Psychiatric Comorbidity in Multi-Site Randomized Controlled Trials

Ryoko Susukida, PhD⁰, Ramin Mojtahed, MD, PhD, MPH⁰,⁴, and Masoumeh Amin-Esmaeili, MD, MPH⁰,⁴,⁵
Johannes Thrul, PhD
Assistant Professor
Hampton House (887)
jthrul@jhu.edu

• Mobile health (mHealth) research
• Investigate substance use behavior based on near real-time data (Ecological Momentary Assessment – EMA, mobile sensors)
• Smartphones and social media, to develop, test, and deliver substance use interventions
The role of environmental exposures in neurodevelopment, gene-environment interaction, and the etiology of autism spectrum disorder (ASD).

330.603.01 *Psychiatric Epidemiology*
How Do Genes and the Environment Work Together to Effect the Developing Brain?
Holly C. Wilcox, PhD, MA
Associate Professor
Hampton House 801
hwilcox1@jh.edu

Public health approaches to prevent suicide and violence

330.675.81 Suicide Prevention: Problem Solving Seminar
330.674 Suicide as a Public Health Problem
Good Behavior Game

Adaptation and testing of teen Mental Health First Aid

Maryland Suicide Data Warehouse

Netting prevention intervention butterfly effects: An integrative data analysis investigating the long-term and cross-over effects of randomized, school-based prevention programs on adult mental health
Tiara C. Willie, PhD, MA
Assistant Professor
Hampton House, room tbd
twillie2@jhu.edu

Research Interests:
• Social ecology of gender-based violence (e.g., intimate partner violence, reproductive coercion, sexual assault)
• Mental, sexual and reproductive health consequences of gender-based violence
• Evaluation of trauma-informed interventions
A qualitative study identifying the social, structural and behavioral factors shaping HIV pre-exposure prophylaxis (PrEP) uptake, persistence and retention among Black women

Prospective cohort study examining the associations of intimate partner violence, gendered racism and daily hassles with mental health among Black women who experienced intimate partner violence

A type II hybrid effectiveness-implementation study designed to test and evaluate a trauma-informed clinic-based intervention to increase PrEP uptake among Black women seeking care at community healthcare clinics in Jackson, MS
Genetic epidemiology of mood disorders;
Pharmacoepidemiology of psychotropic drugs;
Pharmacogenetics of psychotropic drug responses;
Learning health systems and precision psychiatry

330.612.01 and 330.612.81 Introduction to Behavioral and Psychiatric Genetics
Can Big Data Help Psychiatry Unravel the Complexity of Mental Illness?

Psychiatrists are looking to sophisticated computational tools that may be able to disentangle the intricacies of mental illness and improve treatment decisions

By Simon Makin on March 21, 2016  3
Team-Science and Multiple Perspectives are Critical
| Cluster 1 | 09/02/2020 | Rebecca Fix, PhD; Assistant Professor  
Tamar Mendelson, PhD; Professor |
|---|---|---|
| Moore Center for the Prevention of Child Sexual Abuse  
Center for Adolescent Health Center for Prevention of Youth Violence  
Cluster Overviews: East Baltimore Community Trauma Response  
Center for Aging and Health |
| Cluster 1 | 9/9/2020 | Philip J. Leaf, PhD; Professor  
Department of Mental Health  
Michelle Carlson, PhD; Professor |
| Cluster 1 | 9/16/2020 | Faculty Meeting (Student-led seminar) |
| Cluster 1 | 9/23/2020 | Heather Volk, PhD; Associate Professor  
Elizabeth Stuart, PhD; Professor  
Department of Mental Health |
| Cluster 1 | 9/23/2020 | (COAH)/Wendy Klag Center (WKC)  
Center for Mental Health Addiction Policy Research  
Anti-racism and public health |
| Cluster 2 | 9/30/2020 |  |
| Cluster 2 | 10/07/2020 |  |
| Cluster 2 | 10/14/2020 | Faculty Meeting (student led seminar) |
| Cluster 2 | 10/21/2020 |  |
| Cluster 3 | 10/28/2020 |  |
| Cluster 3 | 11/04/2020 |  |

**Mental Health and COVID-19**

**1:00-1:30: Round table discussion with speaker and students immediately following seminar**
Our warm and friendly staff are always ready to help you.

GO RAVENS!!!
Welcome New Students

OM...OM...OM...

MENTAL HEALTH ROCKS!

- tranquility
- peace
- awareness
- well-being
- happiness
Have a great Monday and see you Friday in Public Mental Health!