Welcome to the Department of Mental Health!

Mental Health Core Curriculum

- Descriptive (what, who, where)
- Cause (Why, how; mechanisms)
- Promotion, Prevention, Treatment, Recovery
- Services, Policy

Lifecourse perspective

Biopsychosocial framework

Epidemiological methods
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
Available on our website:
http://www.jhsph.edu/departments/mental-health/current-students
Meet Each Other!
Mental Health Student Group

The MHSG provides a forum for students with mental health interests to share ideas and expertise, voice concerns, engage in professional development and networking activities, and plan social activities of interest to members.

Past activities

- Weekly tea-time with students and faculty
- Student-driven professional development during noon seminar
- AFSP Out of the Darkness Walk for Suicide Prevention
- Various social events, both on and off campus
- Other support you may need

Current Leadership

- Calliope Holingue
- Open leadership positions: Vice-President, Secretary, Treasurer, Social Chair(s), and Student-Faculty Representative
New Student Gathering!

Thursday (tomorrow), Wednesday Aug 24, 4pm-7pm

Stop by for food/drinks and meet new and current students!

Max’s Taphouse

737 S Broadway, Baltimore, MD 21231

~ 1 mile south of Hampton House

Organized by the Mental Health Student Group
Office of Student Life
Student Assistance and Well-Being

The Office of Student Life is available to assist students by providing support and assist in navigating resources pertaining to personal and academic challenges. If you would like to schedule a one-on-one appointment with a staff member in the Office of Student life, you can contact the Office of Student Life directly at 410.502.2487.

Students can also contact the Johns Hopkins Student Assistance Program (JHSAP) which provides resources to assist students across the Johns Hopkins community with any pressures and difficulties they may face during their academic careers.

JHSAP is a life management resource that can help you identify and manage challenging issues in healthy ways. Getting help is free, convenient, and confidential. Services include:

- Short-term counseling
- Crisis response
- Healthy relationship support
- School-life coaching and adjustment
- Educational workshops
- Dean, faculty, and staff consultations

For more information or to schedule an appointment, visit www.jhsap.org, call (443) 287-7000, or email jhsap@jhu.edu.

Students in need of physical well-being assistance should contact University Health Services, (410) 955-3250.
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

Bakulski KM, Singer AB, Fallin MD. 2014. *Frontiers in Autism Research*
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.

330.620.01 Issues in Mental Health Research in Developing Countries
Interviewer Training in Democratic Republic of the Congo
Psychiatric genetics, emphasizing bipolar disorder (BP) and autism spectrum disorder (ASD), and more recently, the epigenetics of cortisol and stress.
Precursor Symptoms of Major Depressive Disorder

We have shown in a longitudinal, Baltimore sample that factor scores representing childhood depressive/anxiety symptoms, somatic complaints, and feelings of hopelessness are significantly associated with a diagnosis of Major Depressive Disorder (MDD) in adulthood. The incorporation of polygenetic risk does not improve prediction of MDD.

Table 4: Predictors of Major Depressive Disorder in young adults

<table>
<thead>
<tr>
<th>Sociodemographic variables, Precursor How I Feel Factor Scores, and Genetic Risk Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description of variable</td>
</tr>
<tr>
<td>1666 students in Prevention Research Center cohorts 1 and 2</td>
</tr>
<tr>
<td>Sociodemographic predictors</td>
</tr>
<tr>
<td>Add precursor Factor Scores</td>
</tr>
<tr>
<td>800 students in cohorts 1 and 2 with genetic risk score</td>
</tr>
<tr>
<td>Sociodemographic predictors</td>
</tr>
<tr>
<td>Add precursor Factor Scores</td>
</tr>
<tr>
<td>Add Genetic Risk Score</td>
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</tbody>
</table>
Michelle C. Carlson, PhD
Associate Professor
Hampton House 805
Center on Aging and Health
Center on Innovation and Aging, SON
mcarlso2@jhu.edu
www.carlsonlab.org

***regretfully not here today***

Cognitive aging; brain health; Alzheimer’s disease prevention; social engagement, lifestyle & physical activity; mobile technology

Teach-- 330.623.01 *Brain and Behavior in Mental Disorders*(4th Term)

JHU Studies to Share Data from--

-Cardiovascular Health Study (29+ years & going)
-Baltimore Experience Corps Trial & Brain Health Study
-Ginkgo Evaluation of Memory (GEM) Trial (8 years)
-Women’s Health & Aging Study II (10 years)
My lab is asking whether navigation of complex social environments provides health benefits = exercise by using mobile tech. and immersive reality games

Using GPS+ accelerometers, we show that most daily step activity occurs in community spaces (e.g., mall, grocery) & is related to better cognition in older adults

**Productive social engagement** (Experience Corps) is good for your cognition and your brain, in plastic regions related to risk for Alzheimer’s disease. The panel below shows program-related improvements in the amygdala, a promising new target for intervention.
William W. Eaton, PhD
Professor
Hampton House 880A
weaton@jhsph.edu

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

330.603.01 Psychiatric Epidemiology
with Heather Volk, PhD
Assistant Professor
Generation 3: Survey Diagnosis

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

Followup of PRC cohorts 1 and 2 after 25 years (completed)
with Nick Ialongo et al

Gluten Withdrawal RCT in Gliadin-Positive Schizophrenia
MPI with Deanna Kelly et al, Maryland Psychiatric Research Center

“You have been chosen in a random selection to take part in a nationwide survey. Question Number One: ‘What kind of a nut would you say you are?’”
Rebecca L. Fix, PhD
Assistant Scientist
415 N. Washington St.
rebecca.fix@jhu.edu

Disparities in the juvenile justice system; juvenile sexual offending; juvenile violent offending; culturally-informed mental health treatment
Mount Meigs Corrections Study
- Disparities among youth with sexual, violent, and general offenses
- Juvenile sex offender registration and notification
  - Juvenile’s perceptions
  - Consequences

Juvenile Court Study
- Extralegal factors and dispositional outcomes
  - Offense category
  - Race/ethnicity
  - Family structure
  - County factors
Mental health and mental disorders in the elderly, including contributions in the field of methodology and measurement, psychiatric epidemiology, health services research, and mixed methods.
PROSPECT follow-up: 10-year follow-up (death, services use) of 1,226 older adults in practices randomized to an intervention

Spectrum study: Mixed methods study of depression among older primary care patients

Precursors study of Johns Hopkins medical students of 1948-1964

Develop community-based interventions for older adults, e.g., ‘peer mentors’ for older persons

Decision making in early prostate cancer (PCORI)

Comorbidity of physical and mental conditions (class)

Mixed methods in mental health services research (OBSSR R25 under NIMH, NIA, NINR, NHLBI)

Emily Haroz, PhD MHS
Assistant Scientist
ehleroz1@jhu.edu

Global mental health; American Indian mental health; measurement; Dissemination and Implementation science
Depression & Suicide Prevention

Is depression something we all share globally?
- If it is, what does it look like?
- Does expression of depression differ by culture and context?
- How can we use this information to improve measurement?

Implementation of suicide prevention programs
- What factors and strategies are useful for successful implementation?
- How do we sustain effective programs?
  - particularly in low-resource settings
Nicholas S. Ialongo, PhD
Professor
Hampton House 809
nialong1@jhu.edu

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
LIBD Roadmap

- Genes of interest
- Clinical, intermediate phenotypes
- RNA-seq Brain
- Expression associated with genetic risk, illness
- Molecular mechanisms
- Cellular Models
- Animal Models
- Drugs
Adolescent and emerging adult substance use; marijuana policy; violence, suicide, and unintentional injury; social context and adolescent risk behaviors; public health training in substance use epidemiology

330.602.01 The Epidemiology of Substance Use and Related Problems
Past 30-day alcohol, marijuana, and cigarette use among 10th and 12th grade students by year and race/ethnicity – Washington Healthy Youth Surveys (n=82,477)
Jeremy C. Kane, PhD, MPH
Assistant Scientist
jkane29@jhu.edu

***regretfully not here today***

Global mental health; substance and alcohol use; adolescent, refugee, and immigrant populations; acculturation; trauma; novel measurement approaches to mental health and substance use in low- and middle-income countries including biomarkers
Alcohol measurement challenges in LMIC

What is the definition of “one drink”?
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.

330.660.01 Seminar on Methods in Public Mental Health Research

280.120 and 280.320 Health and Wellbeing in Baltimore: A Public Health Approach
Challenge: Health Affects Academic Achievement

GOOD MORNING, TEACHER

Illustration by Jim Borgman. Reprinted with permission from King Enterprises Syndicated.
Jeannie-Marie Leoutsakos
Associate Professor
Department of Psychiatry and Behavioral Sciences (Primary)
Department of Mental Health (Joint)
Jeannie-marie@jhu.edu

***regretfully not here today***

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.
Elizabeth J. Letourneau, PhD
Professor & Director, Moore Center for the Prevention of Child Sexual Abuse
415 N. Washington, Room 531
ElizabethLetourneau@jhu.edu
***regretfully not here today***

Research Interests

• Prevention projects
  • Responsible Behavior with Younger Children
  • Help Wanted Prevention Project
  • Parents Promoting Positive Sexual Development (led by 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
<table>
<thead>
<tr>
<th></th>
<th>Registered</th>
<th>Nonregistered</th>
<th>Adjusted Mean or Odds Ratio</th>
<th>Registered</th>
<th>Nonregistered</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mental Health</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Depression/Anxiety</td>
<td>3.32 (2.26)</td>
<td>2.74 (2.08)</td>
<td>3.18</td>
<td>2.80</td>
<td></td>
</tr>
<tr>
<td>Hyperactivity/Inattention</td>
<td>4.02 (2.30)</td>
<td>3.50 (2.14)</td>
<td>3.91</td>
<td>3.50</td>
<td></td>
</tr>
<tr>
<td>Total Mental Health Prob</td>
<td>12.60 (5.91)</td>
<td>10.98 (5.61)</td>
<td>12.28</td>
<td>11.08</td>
<td></td>
</tr>
<tr>
<td>Suicidal cognitions</td>
<td>1.20 (1.71)</td>
<td>0.63 (1.31)</td>
<td>1.15</td>
<td>0.64</td>
<td></td>
</tr>
<tr>
<td>Suicide attempt</td>
<td>6.8%</td>
<td>1.7%</td>
<td>3.71 (0.81,17.0)</td>
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<tr>
<td><strong>Victimization</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Sexual assault</td>
<td>13.5%</td>
<td>7.9%</td>
<td>1.98 (0.77,5.06)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Approached by an adult for sex</td>
<td>8.5%</td>
<td>2.3%</td>
<td>2.88 (0.74,11.2)</td>
<td></td>
<td></td>
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<tr>
<td><strong>Safety</strong></td>
<td></td>
<td></td>
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<tr>
<td>Sense of Safety</td>
<td>1.70 (0.40)</td>
<td>1.81 (0.30)</td>
<td>1.67</td>
<td>1.82</td>
<td></td>
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<tr>
<td><strong>Social Support</strong></td>
<td></td>
<td></td>
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<tr>
<td>Perceived Social Support</td>
<td>5.57 (0.97)</td>
<td>5.21 (1.23)</td>
<td>5.62</td>
<td>5.20</td>
<td></td>
</tr>
</tbody>
</table>
Sabriya L. Linton, PhD, MPH
Assistant Professor
Hampton House 882
slinton1@jhu.edu

Research interests:

Impacts of structural factors, including community development, gentrification and housing policies, on substance use and homelessness

Social and structural determinants of HIV among people who use drugs

Associations of structural factors with social network correlates of substance use and HIV

Application of mixed methods (e.g., multilevel, spatial and qualitative analyses)
Socio-ecological framework: interrelationships among individuals and their environments

Bronfenbrenner, U. (1994)
Brion Maher, PhD
Professor
Hampton House 788
brion@jhu.edu

Psychiatric and behavioral genetics; substance use disorders; disruptive behavior disorders; statistical genetics and genetic epidemiology

330.619.01 Analytic Strategies in the Genetics of Psychiatric, Behavioral and Other Complex Diseases
"We finished the genomic map, now we can't figure out how to fold it."
Tamar Mendelson, PhD
Ali and Rose Kawi Associate Professor
Hampton House 853
tmendel1@jhu.edu
***regretfully not here today***

Prevention of mental health issues in underserved urban populations; school-based intervention trials; mindfulness; adolescent mental health; perinatal mental health

330.607 Prevention of Mental Disorders: Public Health Interventions (3rd term)
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

- 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 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 Mclvor Murray, PhD, MSPH
Assistant Professor
Hampton House 863
sarah.murray@jhu.edu

**Topical areas:** global mental health; gender based violence; stigma; refugee and immigrant mental health; maternal mental health and child development

**Methods:** mixed-methods approaches; multi-sectoral and multilevel intervention design and evaluation; cross-cultural measurement; research capacity building
Caregivers’ understandings of the relationship between their mental health and child well-being in rural Uganda

Developing a scale to measure stigma among sexual violence survivors in Democratic Republic of Congo
Advanced latent variable modeling; RCT Methodology; Data Harmonization
Developmental psychopathology; Psychiatric genetics; suicide etiology

330.805 Statistical Methods for Mental Health (1st-4th terms)
<table>
<thead>
<tr>
<th>Prenatal Psychosocial and Behavior, and Stress during Infancy Factors</th>
<th>P3</th>
<th>Allergy</th>
<th>Asthma</th>
<th>Obesity</th>
<th>Cognition</th>
<th>Autism</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economic or psychological stress</td>
<td>27</td>
<td>27</td>
<td>29</td>
<td>37</td>
<td>28</td>
<td>19</td>
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<tr>
<td>Alcohol use</td>
<td>36</td>
<td>39</td>
<td>43</td>
<td>55</td>
<td>42</td>
<td>36</td>
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<tr>
<td>Tobacco use</td>
<td>39</td>
<td>50</td>
<td>53</td>
<td>65</td>
<td>43</td>
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<tr>
<td>Illicit drug use</td>
<td>26</td>
<td>27</td>
<td>32</td>
<td>41</td>
<td>36</td>
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<tr>
<td>Diet</td>
<td>28</td>
<td>28</td>
<td>30</td>
<td>39</td>
<td>29</td>
<td>22</td>
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<tr>
<td>Physical activity or sedentary behaviors</td>
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<td>20</td>
<td>23</td>
<td>28</td>
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<tr>
<td>Sleep</td>
<td>8</td>
<td>6</td>
<td>7</td>
<td>11</td>
<td>8</td>
<td>5</td>
</tr>
<tr>
<td>Depression during infancy</td>
<td>24</td>
<td>27</td>
<td>34</td>
<td>32</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>Stress/anxiety during infancy</td>
<td>22</td>
<td>27</td>
<td>34</td>
<td>31</td>
<td>25</td>
<td></td>
</tr>
</tbody>
</table>
Ramin Mojtabai, MD, PhD, MPH
Professor
Hampton House 797
rmojtab1@jhu.edu

***regretfully not here today***

Mental health services for serious mental disorders; Mental health treatment seeking in the community; Pharmaco-epidemiology of psychiatric drugs

330.664.01 and 330.664.98 Introduction to Mental Health Services; 330.854.81 A Brief Introduction to Public Health for Mental Health Clinicians
About one in 10 Americans aged 12 and over takes antidepressant medication.

Figure 1. Percentage of persons aged 12 and over who take antidepressant medication, by age and sex: United States, 2005–2008

1Significantly different from age group 18–39. 2Significantly different from age groups 40–59 and 60 and over. 3Significantly different from females. 4Significantly different from age group 60 and over.

NOTE: Access data table for Figure 1 at: http://www.cdc.gov/nchs/data/databriefs/db76_tables.pdf#1.

Trang Q. Nguyen, PhD, MHS, MS
Assistant Scientist
tnguye28@jhu.edu

***regretfully not here today***

***on leave this year but very much around***

Focus on causal inference methodological research
Topics to date: propensity score methods (with measurement error, complex survey data), trial-to-target-population generalization, causal mediation methods, bias and sensitivity analysis
In addition, can converse about latent variable methods

Substantive work to date: LGBT health, HIV, substance use, health disparities
New interest in autism and Alzheimer’s disease
Jeanine Parisi, PhD
Associate Scientist
Director, MHS Program
Hampton House 893
jparisi1@jhu.edu

***currently in maternity ward!***

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)
Patterns and Predictors of Engagement and Cognition in Adulthood

<table>
<thead>
<tr>
<th>Behavioral Interventions</th>
<th>Observational Studies</th>
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<tbody>
<tr>
<td>Cognitive Training Models</td>
<td>Engagement Models</td>
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<tr>
<td>ACTIVE / ACTIVE Memory Works</td>
<td>Senior Odyssey</td>
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<td>Experience Corps</td>
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<td>Day Reconstruction Method</td>
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<td>Women’s Health and Aging II</td>
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<td></td>
<td>Health and Retirement Study</td>
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<td>National Health and Aging Trends Study</td>
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<td></td>
<td>Project Talent</td>
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</table>
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.
School-based preventive interventions across the PH continuum

"The Principal suspended me — School is the only place in the world where you can get time off for bad behavior."

Coping Power

Check & Connect

Restorative practices
PD/coaching (climate; culturally responsive classroom management)
Universal positive behavior supports
George W. Rebok, PhD, MA  
Professor  
Hampton House 891  
Center on Aging and Health  
Center on Innovative Care in Aging  
Co-Director, Age-Related Cognitive Disorders Training Program  
grebok1@jhu.edu  

Life-span developmental psychology; gerontology; prevention research; cognitive neuropsychology; developmental methodology  

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 2019);  
330.802.01 Seminar on Aging, Cognition and Neurodegenerative Disorders (1st-4th term, offered 2017-18)
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 July 2017

- **ACTIVE Memory Works** – RCT to test a web-based memory training program for older adults

- **Experience Corps®** – RCT of >700 older adults and Baltimore City school children in grades K-3

- **Body Brain Life/Australia** – RCT of an online dementia risk reduction program in at-risk middle-aged adults
Adam P. Spira, PhD
Associate Professor
Hampton House 794
aspira@jhu.edu

***regretfully not here today***

Sleep disturbances and psychopathology in older adults; cognitive and functional decline; 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 ($N = 122$).

Elizabeth A. Stuart, PhD
Associate Dean for Education
Professor
Associate Director, Wendy Klag Center
co-Director, Center for Mental Health
and Addiction Policy Research

Hampton House 839
estuart@jhu.edu

Statistical methods for analyses of mental health and mental disorders, particularly designs for estimating causal effects and dealing with missing data.

140.664.01, 140.664.81  Causal Inference in Medicine and Public Health
“It’s been fifty years now. I guess you can’t compare apples to oranges.”

*Note.* Connecticut (solid line) compared with synthetic Connecticut (dashed line) and all states in the control pool, equally weighted (dotted dashed line). The vertical line indicates when Connecticut’s permit-to-purchase law was implemented. Rates for 2001 are not included because of the World Trade Center attacks.

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
Bay Area Ecological Momentary Assessment (EMA) study (Smartphone Smoking Study)

- N = 144 Bay Area young adult smokers
- Pilr Health app
- Completed up to 7 surveys every day for 30 days
- GPS location tracking
Global Mental Health
-How can we prevent mental health problems in people exposed to adversity (war, displacement, poverty, gender-based violence)?
-How can research support mental health practice in humanitarian settings?

Course: 4th term Promoting Mental Health and Preventing Mental Disorders in Low- and Middle-Income Countries
Summer Institute: Mental Health and Psychosocial Support in International Humanitarian Settings
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?
The etiology and prevention of suicide; public health approaches for suicide prevention

330.674.01 Suicide as a Public Health Problem
 Pediatric Integrated Care

Good Behavior Game

Adolescent Depression Awareness Program

Interactive Screening Program, distance counseling

means control

ED suicide risk screening
Peter P. Zandi, PhD, MPH, MHS
Professor
Director, Psychiatric Epidemiology Training Grant
Hampton House 857
pzandi1@jhmi.edu

Genetic epidemiology of mood disorders; pharamacoepidemiology of psychotropic drugs; pharmacogenetics and precision medicine in psychiatry; informatics for psychiatric epidemiology research.

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.
Many Perspectives in Department of Mental Health
Centers

The department houses several school-based centers, and has a significant role in many others across the school. These are described below. Centers help bring together faculty, students, and community partners across multiple departments and schools to meet their particular missions in pursuit of improving public mental health.
Our professional and dignified staff are always ready to help you.
Jenny Hansen, MHS (Someday MD)
Academic Program Assistant
Hampton House 893
jhanse23@jhu.edu

Assisting Patty Scott while Jeanine Parisi is on maternity leave

• Eating disorders treatment cost-effectiveness and treatment outcome transparency;
• Tool for rapid screening of individuals at risk for Anorexia Nervosa (AN);
• Food choices, attentional capture to hi v. lo cal foods, and delayed discounting in AN

AS.280.123 Mental Health & Illness in Film (Undergraduate Intersession Course)
Welcome New Students

Om...Om...Om...

MENTAL HEALTH ROCKS!

tranquility

peace

awareness

well-being

happiness
DMH Wednesday Noon Seminar Series  
2017-18 AY  
12:15 pm – 1:00 pm  
HH Auditorium, B14 (unless otherwise noted)  
Round table discussion with speaker immediately following in HH188

<table>
<thead>
<tr>
<th>Theme</th>
<th>Date</th>
<th>Speaker</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>Cluster 1</td>
<td>8/30/2017</td>
<td>Philip Leaf, PhD Professor, Department of Mental Health</td>
<td>Centers Overview: Center for Adolescent Health/Urban Health Institute</td>
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<tr>
<td>Cluster 1</td>
<td>9/6/2017</td>
<td>Elizabeth Letourneau, PhD, Elizabeth Stuart, PhD Professors, Department of Mental Health</td>
<td>Centers Overview: Moore Center for the Prevention of Child Sexual Abuse/Center for Mental Health Addiction Policy Research</td>
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<tr>
<td>Cluster 1</td>
<td>9/13/2017</td>
<td>FACULTY MEETING (student led session)</td>
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<tr>
<td>Cluster 1</td>
<td>9/20/2017</td>
<td>Michelle Carlson, PhD; Associate Professor Dani Fallin, PhD; Professor and Chair Department of Mental Health</td>
<td>Centers Overview: Center for Aging and Health/ Wendy Klag Center</td>
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<td>Cluster 2</td>
<td>9/27/2017</td>
<td>Robert Bossarte, PhD Director, Epidemiology Program, Post-Deployment Health, Office for Public Health, Department of Veterans Affairs, Washington, DC Assistant Professor, Psychiatry, University of Rochester</td>
<td>Title TBD  Topic: Suicide prevention</td>
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<tr>
<td>Cluster 2</td>
<td>10/4/2017</td>
<td>Holly Wilcox (coordinator)</td>
<td>Topic: Suicide prevention</td>
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<tr>
<td>Cluster 2</td>
<td>10/11/2017</td>
<td>FACULTY MEETING (student led session)</td>
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<td>Cluster 2</td>
<td>10/18/2017</td>
<td>Holly Wilcox (coordinator)</td>
<td>Topic: Suicide prevention</td>
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<tr>
<td>Cluster 3</td>
<td>10/25/2017</td>
<td>Julian Owens (coordinator)</td>
<td>Topic: Adolescent behavior health</td>
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<tr>
<td>Cluster 3</td>
<td>11/1/2017</td>
<td>Julian Owens (coordinator)</td>
<td>Topic: Adolescent behavior health</td>
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<tr>
<td>Cluster 3</td>
<td>11/8/2017</td>
<td>Julian Owens (coordinator)</td>
<td>Topic: Adolescent behavior health</td>
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</tbody>
</table>
Who’s Who Walls

Meet fellow classmates on our student board (right)

Faculty interests are referenced on our faculty board (below)

Both boards are located along the corridor by the main office (HH850)
Have a great year!!

MHS → meet in auditorium with Patty Scott and Jenny Hansen after pictures

PhD → meet Dr. Bass at 2:30 and at 3:00 “Meet-n-Greet” with current doctoral students & faculty in HH845 after pictures