



## Dan Liu, Ph.D.

College of Medicine

Behavioral Sciences and Social Medicine

Member of Development, Environment, and Resilience (DEaR) Lab

[dan.liu@med.fsu.edu](mailto:dan.liu@med.fsu.edu)

### Expertise:

- Child and Adolescent Neurobehavioral Development
- Neurofibromatosis Type 1 (NF1)
- Advanced Quantitative Statistical Analysis

## Research Highlights: Current Projects

- **IDA-NF1:** Integrative Data Analysis of Neurobehavioral Problems in Children with NF1 (Role: Postdoctoral Scholar; PI: Hou)
- **REVIEW-NF1:** Systematic Reviews and Meta-analyses on Neurobehavioral Function of Individuals with NF1 (Role: Postdoctoral Scholar; PI: Hou)
- **SMART-NF1:** Studying Momentary Assessment of Resilience and Thinking in NF1 (Role: Postdoctoral Scholar; PI: Hou)

## Publication Highlights

- **Liu, D.**, Yu, L., Wu, X., Moreira, J., Mujica, B., Mukhopadhyay, E., Novotney, A., Rietman, A., & Hou, Y. (2025). Internalizing and externalizing problems in individuals with neurofibromatosis type 1: A systematic review and meta-analysis. *Systematic Reviews*, 14, 20.
- Hou, Y. \*, Zong, X. \*, Wu, X., **Liu, D.**, Wolters, P. L., Janusz, J., Walsh, K. S., Morris, S. M., Payne, J. M., Pride, N., Garg, S., Robinson, L., & Stavinocha, P. L. (2025). Academic achievement in children with neurofibromatosis type 1. *Pediatrics*, 155(2), e2024067016. (\*equal contribution)
- Hou, Y., Yu, L., **Liu, D.**, Wilson-Lemoine, E., Wu, X., Moreira, J., Mujica, B., Mukhopadhyay, E., Novotney, A., Payne, J.M. (2024). Systematic review and meta-analysis: Attention deficit/hyperactivity disorder symptoms in children with neurofibromatosis type 1. *Journal of the American Academy of Child and Adolescent Psychiatry*.
- **Liu, D.**, & Vazsonyi, A.T. (2024). How maternal and paternal parenting behaviors predict developmental changes in self-control and deviance during early adolescence. *Journal of Criminal Justice*, 92, 102185.
- **Liu, D.**, & Vazsonyi, A.T. (2024). Longitudinal links between parental emotional distress and adolescent delinquency: The role of marital conflict and parent-child conflict. *Journal of Youth and Adolescence*, 53(1), 200-216.
- Hou, Y., Wu, X., **Liu, D.**, Martin, S., Toledo-Tamula, M. A., Allen, T., Baldwin, A., Gillespie, A., Goodwin, A., Widemann B. C., & Wolters, P. L. (2022) Demographic and disease-related predictors of socioemotional development in children with neurofibromatosis type 1 and plexiform neurofibromas: An exploratory study. *Cancers*, 14(23).

## Presentation Highlights

- **Liu, D.**, Zong, X., Stavinocha, P. L., Wolters, P. L., Walsh, K., Janusz J., Klein-Tasman, B. P., Morris, S. M., Carrie E. Bearden, Payne, J. M., Pride, N., Hou, Y. (December 2024). *Age trends of internalizing and externalizing problems in children and adolescents with neurofibromatosis type 1: Integrative analysis of data from nine institutions*. Paper presented at the 4th Annual Neurofibromatosis Young Investigators' Forum, Children's Tumor Foundation, Baltimore, Maryland, USA.
- **Liu, D.**, Zong, X., Stavinocha, P. L., Walsh, K., Carrie E. Bearden, Payne, J. M., Pride, N., Janusz, J., Hou, Y. (June 2024). *Age trends of internalizing and externalizing problems in children and adolescents with neurofibromatosis type 1: Integrative analysis of data from six institutions*. Poster presented at the 2024 Global NF Conference, Brussels, Belgium.
- Zong, X., **Liu, D.**, Wu, X., Wolters, P. L., Klein-Tasman, B. P., Walsh, K., Janusz, J., Payne, J. M., Pride, N., Morris, S. M., Bearden, C. E., Stavinocha, P. L., Hou, Y. (June 2024). *Demographic and disease predictors of executive functions in children and adolescents with neurofibromatosis type 1: Results from the largest international dataset*. Paper presented at the 2024 Global NF Conference, Brussels, Belgium.
- Yu, L., **Liu, D.**, Wu, X., Zhang, J., Moreira, J., Mukhopadhyay, E. S., Novotney, A., Mujica, B. F., Chown, M., Killam, J., Payne, J. M., Hou, Y. (June 2024). Visual-spatial/motor abilities of individuals with neurofibromatosis type 1: A systematic review and meta-analysis. Poster presented at the 2024 Global NF Conference, Brussels, Belgium.
- **Liu, D.**, Yamini, S., Wu, X., Tehrani, H. D., Hou, Y. (March 2023). *A systematic review and meta-analytic study of internalizing and externalizing problems in children with neurofibromatosis type 1*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Salt Lake City, Utah, USA.

## Future Directions

- A comprehensive investigation of socioemotional and behavioral correlates of academic learning in children with NF1
- Systematic review of sleep problems and neurobehavioral functioning in individuals with NF1
- An exploration of physical and lifestyle factors related to day-to-day academic functioning among children and adolescents with NF1 using ecological momentary assessment
- A comprehensive study of family and school contextual factors related to daily and long-term academic functioning of children and adolescents with NF1

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## Nicole Ennis, PhD

College of Medicine  
Behavioral Sciences and Social Medicine  
Center for Translational Behavioral Science  
Complementary Care: Practice Based Research  
Network (CC-PBRN)  
[nennis@fsu.edu](mailto:nennis@fsu.edu)

### Expertise:

- Medical Cannabis
- Substance Use and Misuse
- Dissemination and Implementation Science

## Research Highlights: Current Projects

- An Open Road Driving Performance Task to Examine Long-Term Medical Marijuana Use and Prescription Opioid Positivity in Adults 50 and Older  
**Role:** MPI, Ennis, Contact
- Fostering Institutional Resources for Science Transformation: The FLORIDA-FIRST Health-science Brigade.  
**Role:** Co-I, PIs: Wong, Keel, Millender
- Novel Extensions of Alcohol Contingency Management in PLWH  
**Role:** FSU Site PI, UF PI: Cook

## Publication Highlights

- Calleson\*, S., Ennis, N., Kloss, k., and Rosasco, R. (2024). Evaluating the Current Evidence for the Efficacy of Cannabis in Symptom Management of Endometriosis-Associated Pain. Integrative Medicine Reports, 3(1), 111-117.
- Ennis, N., Vance, C., & Bradbury, R. (2022). Academic-industry partnership advancing cannabis science: A Complementary Care Practice-Based Research Network. Complementary therapies in medicine, 66, 102821. <https://doi.org/10.1016/j.ctim.2022.102821> (PMID 35247600)
- Richards, V. L., Leeman, R. F., Wang, Y., Cook, C., Prins, C., Ennis, N., Spencer, E. C., & Cook, R. L. (2022). Identifying the best measures of alcohol consumption to predict future HIV viral suppression trajectories. AIDS and Behavior. Advance online publication. <https://doi.org/10.1007/s10461-022-03674-w> (PMID 35380289)

## Presentation Highlights

- Ennis, N., Dunleavy, D., Kloss, K., Stetten, N., & Classen, S (2023). The Association of between Medical Marijuana Use and Divided Attention on Simulated Driving Performance Task. Paper Presented at the Annual Scientific Meeting of the Gerontological Society 2023, Tampa, FL.
- Tran, T., Hicks, K., Fernandez, M.I., Ennis, N., MacDonell, K., & Naar, S. (2023). Beyond the Screener: Recruitment, Engagement, and Retention of Emerging Adults in HIV Research. Poster presentation given at 2023 Florida HIV Florida Community, Providers, and Researchers (CPR) Conference, The AIDS Institute, Gainesville, FL.

## Future Directions

My research aims to address complex factors patients with chronic/life-limiting illness face by implementing solutions that improves care in real world settings. Many effective behavioral interventions that improve clinical practice do not translate into meaningful outcomes that improve patient care. Due to this gap, both the National Institutes of Health and the Institute of Medicine have prioritized research that advances our knowledge of how evidence-based interventions can be effective in real-world settings. Guided by dissemination and implementation science frameworks, my program of research identifies, implements, evaluates and adapts evidence based behavioral interventions.







## Heather Flynn, Ph.D.

College of Medicine

Chair, Behavioral Sciences and Social Medicine

Director, FSU Center for Behavioral Health Integration

President, International Society of Interpersonal  
Psychotherapy

[heather.flynn@med.fsu.edu](mailto:heather.flynn@med.fsu.edu)

Expertise:

- Perinatal mental health and substance use
- Behavioral health integration in primary care
- Psychotherapeutic treatment for psychiatric disorders

## Research Highlights: Current Projects

1. Pediatric behavioral health integration: Care navigation and psychiatric consultation
2. Florida BH Impact: Statewide integration of best practice care for behavioral health in obstetrics
3. Integration of CBT for pain in orthopedic settings
4. Development of digital health tools for mental health for people without housing

## Publication Highlights

- Weiss, S., Flynn, H. A., Christian, L., Hantsoo, L., di Scalia, T., Kornfield, S., Muzik, M., Simeonova, D., Cooper, B., Strahm, A., & Deligiannidis K. (2021). Symptom profiles of women at risk of mood disorders: A latent class analysis. *Journal of Affective Disorders*, 295, 139-147. doi:[10.1016/j.jad.2021.08.013](https://doi.org/10.1016/j.jad.2021.08.013)
- Flynn, H. A., Deichen-Hansen, M., Shabaka-Haynes, S., Chapman, S., & Roussos-Ross, K. (2021). Case Report: Implementation of a Multi-Component Behavioral Health Integration Program in Obstetrics for Perinatal Behavioral Health. *Frontiers in Psychiatry*, 12, 734-883. doi:[10.3389/fpsyt.2021.734883](https://doi.org/10.3389/fpsyt.2021.734883)
- Chandler, G., Rojas, A., Worts, P., & Flynn, H. A. (2021). Utilizing Multidisciplinary Medicine in Pain Management: A Narrative Review. *Pain Physician*, 5, 369-378.
- Mulligan, E., Lowe, M., Hajcak, G., & Flynn, H. A. (2021). The rewards of motherhood: Neural response to reward in pregnancy prospectively predicts maternal bonding with the infant in the postpartum period. *Biological Psychiatry*, 163, 108-148. doi:[10.1016/j.biopsycho.2021.108148](https://doi.org/10.1016/j.biopsycho.2021.108148)
- Flynn HA (2021). A new statewide perinatal behavioral health integration program for obstetrics settings in Florida. *J of Obstetric, Gynecological and Neonatal Nursing*. 50(5).

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## Joseph M. Gabriel, Ph.D.

College of Medicine

Behavioral Sciences and Social Medicine

Joint Appointment with Department of History

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Expertise:

- History & Philosophy of Science
- Pharmaceutical industry
- Bioethics and academic-industry collaboration

## Research Highlights: Current Projects

- History of the pharmaceutical industry and intellectual property
- Bioethics and corruption
- History of public health

## Publication Highlights

- Joseph M. Gabriel, “Thick Concepts and Pharmaceutical Industry Corruption” forthcoming in *Business Ethics in the Healthcare Industry* (2025)
- Lauren Thompson and Joseph M. Gabriel (legal brief regarding regulation of mifepristone), *GenBioPro, Inc., v. Mark A. Sorsaia (Prosecuting Attorney of Putnam County) and Patrick Morrissey (Attorney General of West Virginia)*
- “‘The Warmth of His Continuing Interest’: Henry K. Beecher, the Bioethics Revolution, and Pharmaceutical Industry Funding of Academic Medical Science in Cold War America” *Journal of the History of Medicine and Allied Sciences* (2023)

## Presentation Highlights

- “Proprietary Medicines and the Crisis of American Pharmacy, 1918-1942” Massachusetts College of Pharmacy and Health Sciences (2023)

## Future Directions

History and theory of public health interventions, public skepticism of public health authority.

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# Amy Hall, PhD, RN, FNP-BC

College of Medicine  
Behavioral Sciences and Social Medicine  
Center for Translational Behavioral Science  
[amy.hall@med.fsu.edu](mailto:amy.hall@med.fsu.edu)

Expertise:

- Chronic Disease Self-Management
- E-Health and Mobile Health Interventions
- Advanced Statistical Modeling

## Research Highlights: Current Projects

- Detroit Young Adult Asthma Project – mobile health intervention addressing asthma medication adherence in Black young adults
- SUSTAIN – mHealth and telehealth intervention addressing HIV medication adherence and alcohol use in young adults
- North Florida Asthma Project – pilot study exploring asthma self-management behaviors in young adults in Northern Florida

## Publication Highlights

- Hall, A.L., MacDonell, K.K., & Vallerand, A.H. (In Press). Middle range theory of asthma self-management. *Nursing Science Quarterly*.
- Hall, A. L., Naar, S., Outlaw, A. Y., Templin, T., Green Jones, M., & MacDonell, K. K. (2024). Factors Impacting the Treatment Readiness of Youth Starting Antiretroviral Treatment in the United States. *AIDS Patient Care and STDs*, 10.1089/apc.2024.0072.  
<https://doi.org/10.1089/apc.2024.0072>
- Hall, A. L., Movva, P., Dailey, R., Gibson-Scipio, W., Baptist, A. P., & MacDonell, K. K. (2024). COVID-19 vaccine intentions and attitudes in Black American emerging adults with asthma. *BMC Public Health*, 24(1), 1356.  
<https://doi.org/10.1186/s12889-024-18843-w>
- Gibson-Scipio, W., Dinaj, V., Hall, A., Kormelink, A., Bruzzese, J. M., & MacDonell, K. K. (2023). Anxiety, depression and global distress among African American young adults with uncontrolled asthma. *The Journal of Asthma : Official Journal of the Association for the Care of Asthma*, 60(10), 1836–1842.

## Presentation Highlights

- Hall, A. L., Wang, B., Bruzzese, J.-M., Gibson-Scipio, W., Dailey, R., Baptist, A. & MacDonell, K. (2025, March). The Effect of a Technology-Based Motivational Intervention on Asthma Control and Adherence in Black Emerging Adults. Poster presented at Society of Behavioral Medicine in San Francisco, CA.
- Hall, A. L. & MacDonell, K.K. (2024, February). Latent Growth Curve Modeling of Autonomous Motivation Over Time in African American Emerging Adults with Asthma. Poster presented at the 48<sup>th</sup> annual Midwest Nursing Research Society Conference in Minneapolis, MN.
- Hall, A.L., Movva, P., & MacDonell, K.K. (2023, March). A qualitative analysis of COVID-19 vaccine intentions and attitudes in African American emerging adults with asthma. Presented at the Wayne State University Graduate Research Symposium in Detroit, MI.

## Future Directions

My research will focus on improving health outcomes for young adults aged 18-29 with chronic conditions by integrating Big Data analytics, behavioral interventions, and lifestyle modifications. Chronic disease management in young adults is complex, influenced by behavioral, psychological, and social determinants. My future work will leverage electronic health records (EHR), assessment of lifestyle factors, and community-level factors to identify predictors of health outcomes and inform targeted interventions. In addition, I aim to develop and evaluate lifestyle-based behavioral interventions that incorporate physical activity, diet, sleep, and stress management to optimize chronic disease self-management.







# Jeffrey Harman, PhD

College of Medicine

Behavioral Sciences and Social Medicine

Center for Medicine & Public Health Policy and Practice

Fellow, interRAI

[jeffrey.harman@med.fsu.edu](mailto:jeffrey.harman@med.fsu.edu)

Expertise:

- Health Policy
- Mental Health and Substance Use
- Econometrics

## Research Highlights: Current Projects

- Evaluation of Florida Medicaid’s Family Planning Waiver  
Role: PI
- Enhancing interRAI: Assisting states with health assessment implementation  
Role: PI
- Evaluation of the CDC’s Overdose Data to Action (OD2A) programs  
Role: Co-I, PIs: Goldfarb, Kinsell

## Publication Highlights

- Goldfarb SS, Deichen Hansen M, Day J, Brown Speights JS, Rust G, Harman J, “State Variations in Progress Toward Eliminating Disparities in Infant Mortality, 2007-19,” Health Affairs, 43(10), 2024.
- Hernandez JV, Harman JS, “The Relationship of Chronic Disease Burden and Racial-Ethnic Disparities in Depression Treatment,” Journal of Racial and Ethnic Health Disparities, 1-8, 2024.
- Goldfarb SS, Graves K, Geletko KW, Deichen Hansen ME, Kinsell H, Harman JS, “Racial/Ethnic Differences in ED Wait Times for Patients with Substance Use Disorder,” Journal of Emergency Medicine, 64(4):481-487, 2023.

## Presentation Highlights

- Day, J., Goldfarb, S.S., Dark, T., Spitz, A.M., Kinsell, H., & Harman, J. (2024). Racial/Ethnic Patterns of Pain Treatment for Traumatic Injury in Emergency Departments across the United States. Poster presented at 2024 AcademyHealth Annual Research Meeting in Baltimore, MD.
- Kinsell, H., Goldfarb, S.S., Ghaffari, A., Graves, K., Geletko, K., McSheffrey, M., Day, J., & Harman, J. (2024). Evaluating the Role of a Prenatal Care Program on Reducing Opioid-Related Harm for Women with Substance Use Disorder in Two Central Florida Counties: A Qualitative Analysis. Poster presented at 2024 AcademyHealth Annual Research Meeting in Baltimore, MD.
- Goldfarb, S.S., Graves, K., Geletko, K., Deichen Hansen, M., Kinsell, H., & Harman, J. (2023). Racial and ethnic differences in emergency department wait times for patients with substance use disorder. Poster presented at 2023 AcademyHealth conference in Seattle,WA.

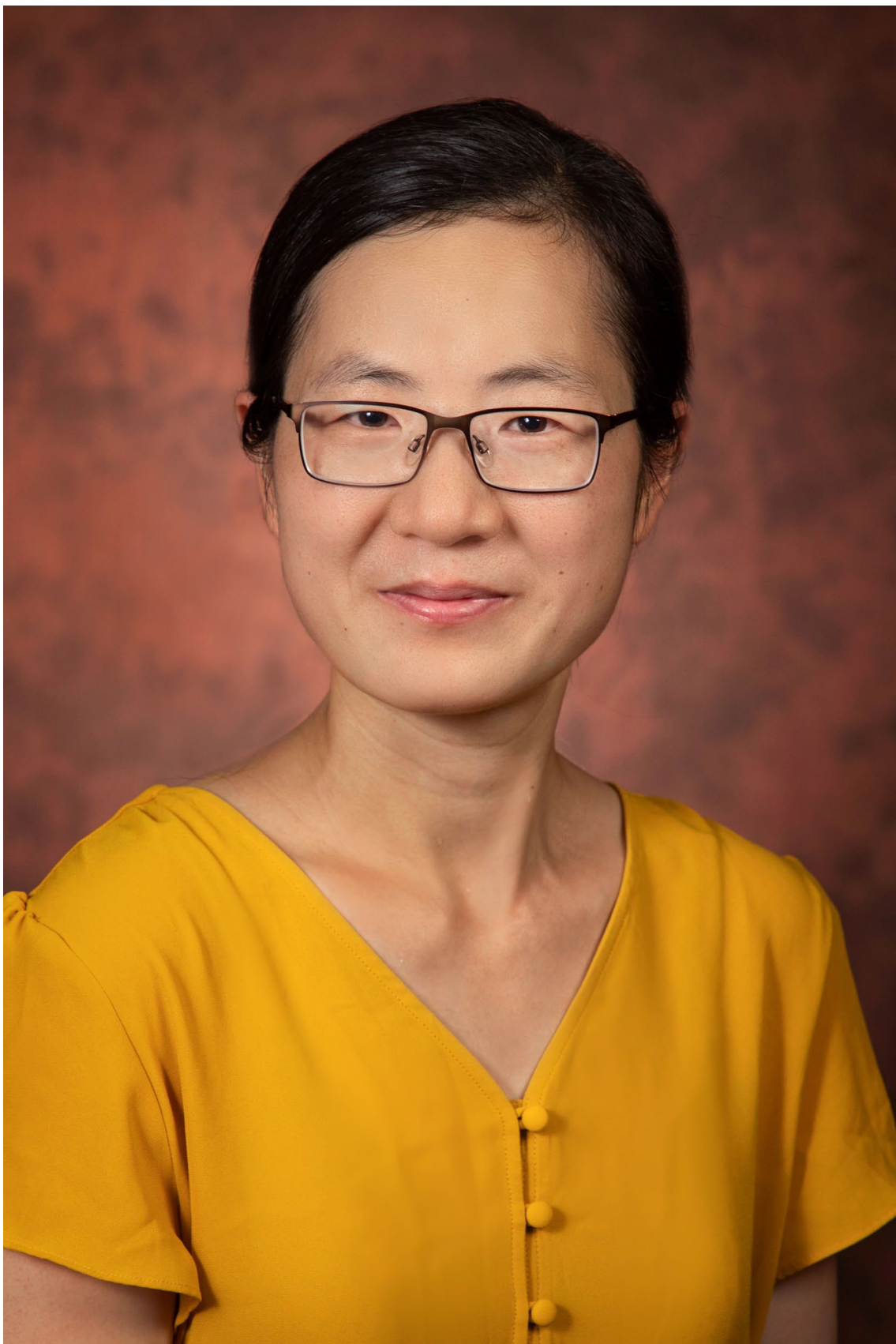
## Future Directions

- Implementation of substance use treatment in prenatal care clinics.
- Assisting states with implementation of standardized health care assessments for community mental health, developmental/intellectual disabilities, and other vulnerable populations.

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# Yang Hou, Ph.D.

College of Medicine

Behavioral Sciences and Social Medicine

Director of Development, Environment, and Resilience (DEaR) Lab

Co-leader of the Informatics Group of the Cognition and Behavior in NF1 (CABIN) Task Force (2024-)

Member of Response Evaluation in Neurofibromatosis and Schwannomatosis (REiNS) International Collaboration Neurocognitive Committee (2019-)

[yang.hou@med.fsu.edu](mailto:yang.hou@med.fsu.edu)

Expertise:

- Neurobehavioral (cognitive, academic, socioemotional, behavioral) function
- Pediatric rare disease: neurofibromatosis type 1 (NF1)
- Advanced statistical modeling

## Research Highlights: Current Projects

- REVIEW-NF1: Systematic Reviews and Meta-analyses on Neurobehavioral Function of Individuals with NF1 (Role: PI)
- IDA-NF1: Integrative Data Analysis of Neurobehavior in Children with NF1 (Funded by Department of Defense; Role: PI)
- NF1 Cognitive Aging: Patterns and Predictors of Cognitive Aging in Middle-Aged and Older Adults with NF1 (Funded by Children’s Tumor Foundation; Role: PI)
- SMART-NF1: Studying Momentary Assessment of Resilience and Thinking in NF1 (Funded by FSU CRC and IPRD; Role: PI)
- Rapid Treatment of PTSD with Accelerated Non-Invasive Brain Stimulation (Funded by Department of Defense; Role: Co-I)
- The evaluation of the Florida Reimbursement Assistance for Medical Education (FRAME) Program (Funded by Florida Department of Health; Role: Co-I)

## Publication Highlights

- Gutmann, D.H. Anastasaki, C., Gupta, A., Hou, Y., Morris, S.M., Payne, J.M., Raber, J., Tomchik, S.M., Aelst, L.V., Walker, J.A., & Yohay, K.H. (in press). Cognition and Behavior in Neurofibromatosis Type 1: Report and Perspective from the Cognition and Behavior in NF1 (CABIN) Task Force. Genes & Development.
  - Hou, Y. \*, Zong, X. \*p, Wu, X. p, Liu, D. p, Wolters, P. L., Janusz, J., Walsh, K. S., Morris, S. M., Payne, J. M., Pride, N., Garg, S., Robinson, L., & Stavinocha, P. L. (2025). Academic Achievement in Children with Neurofibromatosis Type 1. Pediatrics, 155(2), e2024067016. <https://doi.org/10.1542/2020-000123> (\*equal contribution)
  - Liu, D. p, Yu, L. p, Wu, X. p, Moreira, J. u, Mujica, B. u, Mukhopadhyay, E. u, Novotney, A. u, Rietman, A., & Hou, Y. (2025). Internalizing and Externalizing Problems in Individuals with Neurofibromatosis Type 1: A Systematic Review and Meta-analysis. Systematic Reviews, 14, 20. <https://doi.org/10.1186/s13643-024-02749-0>
  - Hou, Y., Yu, L. p, Liu, D. p, Wilson-Lemoine, E. d, Wu, X. p, Moreira, J. u, Mujica, B. u, Mukhopadhyay, E. u, Novotney, A. u, Payne, J.M. (2024). Systematic Review and Meta-analysis: Attention Deficit/Hyperactivity Disorder Symptoms in Children with Neurofibromatosis Type 1. Journal of the American Academy of Child and Adolescent Psychiatry. A <https://doi.org/10.1016/j.jaac.2024.09.011>
  - Hou, Y., Wu, X. p, Allen, T., Toledo-Tamula, M. A., Martin, S., Baldwin, A., Gillespie, A., Goodwin, A., Widemann B. C. , & Wolters, P. L. (2023) Longitudinal Association Between Executive Function and Academic Achievement in Children with Neurofibromatosis Type 1 and plexiform neurofibromas. Journal of the International Neuropsychological Society. <https://doi.org/10.1017/S1355617723000103>
  - Hou, Y., Wu, X. p, Liu, D. p, Martin, S., Toledo-Tamula, M. A., Allen, T., Baldwin, A., Gillespie, A., Goodwin, A., Widemann B. C. , & Wolters, P. L. (2022) Demographic and Disease-Related Predictors of Socioemotional Development in Children with Neurofibromatosis Type 1 and Plexiform Neurofibromas: An Exploratory Study. Cancers, 14(23). <https://doi.org/10.3390/cancers14235956>
- Note:** p=postdoctoral mentee; u=undergraduate student mentee

## Presentation Highlights

- Hou, Y. (February 2025). Using Big Data to Comprehensively Delineate the Neurobehavioral Phenotype of Children with Neurofibromatosis Type 1. Virtual presentation at the Department of Defense, Neurofibromatosis Research Program (NFRP) FY25 Vision Setting Meeting. (Invited)
  - Hou, Y. (January 2025). Neurobehavioral Function in Individuals with Neurofibromatosis Type 1 (NF1): Understanding Challenges, Exploring Solutions, Building Resilience. NF Knowledge Series: NF1 Cognitive Research Webinar, organized by Children’s Tumor Foundation. <https://www.youtube.com/watch?v=-6wu7BrboF4> (Invited)
  - Hou, Y. (October 2024). Using Big Data to Comprehensively Delineate the Neurobehavioral Phenotype of Children with Neurofibromatosis Type 1. Presentation at an exclusive international meeting on “Cognition and Behavior in Neurofibromatosis Type 1,” organized by the Banbury Center, Cold Spring Harbor, New York, USA. (Invited)
  - Zong, X. p, Liu, D. p, Wu, X. p, Wolters, P. L., Klein-Tasman, B., Walsh, K., Janusz, J., Payne, J. M., Pride, N., Morris, S. M., Bearden, C., Stavinocha, P. L., & Hou, Y. (2024, June). Demographic and Disease Predictors of Executive Functions in Children and Adolescents with Neurofibromatosis Type 1: Results from the Largest International Dataset. Paper presented at the 2024 Global NF Conference, Brussels, Belgium.
  - Hou, Y., Zong, X. p, Liu, D. p, Wu, X. p, Walsh, K., Janusz, J., Payne, J. M., Pride, N., Morris, S. M., Stavinocha, P. L., & Wolters, P. L. (2024, June). Age-Varying Associations between Executive Functions and Academic Achievement in Children with Neurofibromatosis Type 1: Integrative Analyses of Data from Seven Institutions. Poster presented at the 2024 Global NF Conference, Brussels, Belgium.
  - Liu, D. p, Zong, X. p, Stavinocha, P. L., Walsh, K., Bearden C. E., Payne, J. M., Pride, N., Janusz, J., & Hou, Y. (2024, June) Age Trends of Internalizing and Externalizing Problems in Children and Adolescents with Neurofibromatosis Type 1: Integrative Analysis of Data from Six Institutions. Poster presented at 2024 Global NF Conference, Brussels, Belgium.
  - Yu, L. p, Liu, D. p, Wu, X. p, Zhang, J. p, Moreira, J. u, Mujica, B. u, Mukhopadhyay, E. u, Novotney, A. u, Chown, M. u, & Hou, Y. (2024, June) Visual-Spatial/Motor Abilities of Individuals with Neurofibromatosis Type 1: A Systematic Review and Meta-analysis. Poster presented at 2024 Global NF Conference, Brussels, Belgium.
  - Hou, Y., Zong, X. p, Wu, X. p, Liu, D. p, Wolters, P. L., Janusz, J., Walsh, K., Morris, S. M., Payne, J. M., Pride, N., Garg, S., Robinson, L., & Stavinocha, P. L. (2023, December 1) Developmental Patterns and Predictors of Academic Achievement in Children with Neurofibromatosis Type 1: Results from the Largest International Dataset. Paper presented at the 3rd Annual Neurofibromatosis Young Investigators’ Forum, Children’s Tumor Foundation, Baltimore, Maryland, USA.
- Note:** p=postdoctoral mentee; u=undergraduate student mentee

## Future Directions

- Daily patterns and predictors of cognitive function in middle-aged and older adults with NF1: An ecological momentary assessment study
- Momentary assessment of ADHD symptoms in adolescents with NF1: Exploring Psychosocial and Lifestyle Predictors
- Understand gene-environment interaction on neurobehavioral function of individuals with NF1
- Systematic review and meta-analysis of treatment/interventions on neurobehavioral function of individuals with NF1
- Develop and evaluate psychosocial and lifestyle interventions on the neurobehavioral function of individuals with pediatric rare diseases like NF1







# Matthew R. Jamnik, Ph.D.

College of Medicine

Behavioral Sciences and Social Medicine

Development, Environment, and Resilience (DEaR) Lab

[matthew.jamnik@med.fsu.edu](mailto:matthew.jamnik@med.fsu.edu)

## Expertise:

- Developmental psychology
- Behavior genetics (e.g., twin studies; family-based study designs)
- Problem behaviors (internalizing: anxiety, depression, somatic symptoms; externalizing: aggression, deviancy/rule-breaking)

## Research Highlights: Current Projects

- **NF1 Cognitive Aging:** Predictors of Cognition in Middle-Aged and Older Adults with Neurofibromatosis Type 1 (NF1) (Role: Postdoctoral Scholar)
- **Systematic Review:** Neurobehavioral Function of Individuals with NF1
  1. Systematic Review of Biopsychosocial Factors Related to Internalizing and Externalizing Problem Behaviors (Role: Lead Author)
  2. Hou, Y., Yu, L., **Jamnik, M.R.**, Liu, D., Wilson-Lemoine, E., Wu, X., Moreira, J., Mujica, B. F., Mukhopadhyay, E. S., Novotney, A., Spoto, L., Peper, M. & Payne, J. M. (close to submission). Systematic Review: Biopsychosocial Factors Related to Attention Deficit/Hyperactivity Disorder in Children/Adolescents with Neurofibromatosis Type 1. *Journal of the American Academy of Child and Adolescent Psychiatry*.

## Publication Highlights

- **Jamnik, M.R.**, Nethala, V.S., & DiLalla, L.F. (2024). Temperament and home environment affect attention-deficit hyperactivity disorder behaviors and internalizing problems in preschoolers. *Merrill-Palmer Quarterly: A Peer Relations Journal*, 70(2), 218-248. <https://digitalcommons.wayne.edu/mpq/vol70/iss2/5>
- DiLalla, L.F., **Jamnik, M.R.**, Marshall, R.L., & Pali, E. (2024). Behavior Genetics. In *Oxford Bibliographies in Psychology*, by D. S. Dunn (Ed.). Oxford University Press. doi: [10.1093/obo/9780199828340-0010](https://doi.org/10.1093/obo/9780199828340-0010).
- **Jamnik, M.R.** & DiLalla, L.F. (2023). The impact of dopamine receptor D4, temperamental negativity, and household chaos on young twins' externalizing behaviors. *Developmental Psychobiology*, 65(4), e22387. doi: [10.1002/dev.22387](https://doi.org/10.1002/dev.22387).
- DiLalla, L.F., **Jamnik, M.R.**, Marshall, R.L., Weisbecker, R., & Vazquez, C. (2021). Birth complications and negative emotionality predict externalizing behaviors in young twins: Moderations with genetic and family risk factors. *Behavior Genetics*, 51(5), 463–475. doi: [10.1007/s10519-021-10062-y](https://doi.org/10.1007/s10519-021-10062-y).
- **Jamnik, M.R.** & DiLalla, L.F. (2019). Health outcomes associated with internalizing problems in early childhood and adolescence. *Frontiers in Psychology*, 10(60). doi: [10.3389/fpsyg.2019.00060](https://doi.org/10.3389/fpsyg.2019.00060).
- **Jamnik, M.R.** & DiLalla, L.F. (2018). A multimethodological study of preschoolers' preferences for aggressive television and video games. *Journal of Genetic Psychology*, 179(3), 156-169. doi: [10.1080/00221325.2018.1454883](https://doi.org/10.1080/00221325.2018.1454883).

## Presentation Highlights

- **Jamnik, M.R.**, Spoto, L., Moreira, J., Morey, L., Sutin, A., & Hou, Y. (2025, June). *Cognitive Function in Middle-Aged and Older Adults with Neurofibromatosis Type 1: Exploring Psychosocial Predictors*. Submitted to the Children's Tumor Foundation Annual NF Conference, Washington, DC.
- **Jamnik, M.R.**, Spoto, L., Moreira, J., Morey, L., Sutin, A., & Hou, Y. (2025, June). *Exploring differences across neurofibromatosis type 1 (NF1) inheritance status: Cognitive function and clinical characteristics*. Submitted to the 55<sup>th</sup> Annual Meeting of the Behavior Genetics Association, Atlanta, GA.
- \*Kakkir, S., **Jamnik, M.R.**, & Hou, Y. (2025, April). SMART-NF1: *Daily neurobehavioral function and psychosocial/lifestyle predictors in adolescents with neurofibromatosis type 1*. To be presented at the Undergraduate Research Symposium at Florida State University, Tallahassee, FL
- \*Tun, M., **Jamnik, M.R.**, & Hou, Y. (2025, April). *Psychological well-being, persistence, and cognitive function in middle-aged and older adults with neurofibromatosis type 1*. To be presented at the Undergraduate Research Symposium at Florida State University, Tallahassee, FL.
- **Jamnik, M.R.**, Sutin, A., & Hou, Y. (2024, October). *Correlates of cognitive function in middle-aged and older adults with neurofibromatosis type 1*. Accepted to the 11<sup>th</sup> Annual National Postdoc Appreciation Week at Florida State University College of Medicine, Tallahassee, FL.
- (Note: \* = undergraduate student mentee)

## Future Directions

Investigate underlying genetics of cognitive-behavioral and neuropsychological function in individuals with NF1 via utilization of advanced statistical genetic analyses, like genome-wide association, polygenic scores, and within-family design.

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**Martina Luchetti, Ph.D.**

**Assistant Professor**

College of Medicine

Behavioral Sciences and Social Medicine

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Expertise:

- Psychosocial risk factors for dementia and cognitive impairment
- Loneliness, structural and functional aspects of social relationships
- Informal and family caregiving

## Research Highlights: Current Projects

- Identifying loneliness as a persistent and transient state and its correlates in the context of daily life
- Examine loneliness association with subjective and objective measures of cognitive function, using standard longitudinal methods in combination with ecological momentary/daily assessments

## Publication Highlights

- Lee, J.H., Sutin, A.R, Hajek, A., Karakose, S., Aschwanden, D., O'Súilleabháin, P.S., Stephan, Y., Terracciano, A., & Luchetti, M. (2025). Loneliness and cognition in older adults: A meta-analysis of harmonized studies from the United States, England, India, China, South Africa, Mexico, and Chile. *Psychological Medicine*, 55, Article e58. <https://doi.org/10.1017/S003329172500011X>
- Luchetti, M., Aschwanden, D., Sesker, A. A., Zhu, X., O'Súilleabháin, P. S., Stephan, Y., Terracciano, A., & Sutin, A. R. (2024). A meta-analysis of loneliness and risk of dementia using longitudinal data from >600,000 individuals. *Nature Mental Health*, 2(11), 1350-1361. <https://doi.org/10.1038/s44220-024-00328-9>
- Luchetti, M., Ledermann, T., Aschwanden, D., Nikitin, J., O'Súilleabháin, P. S., Stephan, Y., Terracciano, A., & Sutin, A. R. (2022). Actor and partner effect of loneliness on episodic memory and verbal fluency: A dyadic multilevel analysis of romantic couples across 28 countries. *The Journals of Gerontology. Series B, Psychological Sciences and Social Sciences*, 77(12), 2202-2211. <https://doi.org/10.1093/geronb/gbac086>
- Luchetti, M., Terracciano, A., Stephan, Y., Aschwanden, D., & Sutin, A. R. (2021). Personality and psychological health in caregivers of older relatives: A case-control study. *Aging and Mental Health*, 25(9), 1692-1700. <https://doi.org/10.1080/13607863.2020.1758907>

## Presentation Highlights

- Symposium Chair and Presenter at the 2023 Annual Scientific Meeting of the Gerontological Society of America, Tampa. *The Importance of Romantic Partners for Health – Shared Time, Daily Activities and Couple Dynamics*. Luchetti, M., Rupprecht, T. S., Nikitin, J., Gamaldo, A. A., Mogle, J., Ledermann, T., Sliwinski, M., & Sutin, A. R. Is loneliness contagious? An ecological momentary assessment within romantic couples. <https://doi.org/10.1093/geroni/igae098.2691>
- Poster presentation at 2024 Annual Scientific Meeting of the Gerontological Society of America, Seattle. Luchetti, M., Rupprecht, F., Nikitin, J., Karakose, S., Stokes, J. E., Terracciano, A., & Sutin, A. R. Interdependency of couples' everyday cognitive performance. <https://doi.org/10.1093/geroni/igad104.1416>

## Future Directions

Testing the interdependence of health and cognitive function within close social partners  
(e.g., caregiving dyads)

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## Mary Gerend, PhD

College of Medicine

Behavioral Sciences and Social Medicine

Center for Translational Behavioral Science, Affiliate Member

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Expertise:

- Cancer prevention (HPV vaccination and cancer screening)
- Health messaging and health communication
- Weight stigma and health

## Research Highlights: Current Projects

- Cancer survivor narratives and HPV vaccination
- Weight stigma and cancer screening
- Weight stigma and mental health

## Publication Highlights

- Gerend, M. A., Wilkinson, L. J., Sutin, A. R., Rosado, J. I., Ehrlich, K. B., Smith, D. W., & Maner, J. K. (2024). Sociodemographic predictors of perceived weight discrimination. *International Journal of Obesity*, 48, 1231-1237.
- Gerend, M. A., Zetrenne, S., Sutin, A. R., Naar, S., & Maner, J. K. (2023). Weight discrimination and health risk behavior in racial, ethnic, and sexual minority adults. *Annals of Behavioral Medicine*, 57, 571-581.
- Gerend, M. A., Bradbury, R. Harman, J. S., & Rust, G. (2022). Characteristics associated with low-value cancer screening among office-based physician visits by older adults in the USA. *Journal of General Internal Medicine*, 37(10), 2475-2481.

## Presentation Highlights

- Gerend, M. A., Myers, C. T., McQueen, A., Solatikia, F., Adjei Boakye, E., & Shepherd, J. E. (2025, March). Cancer survivor narratives increase parents' HPV vaccination intentions. Poster to be presented at the annual meeting of the Society of Behavioral Medicine, San Francisco, CA.
- Gerend, M. A. (2024, June). Identifying pathways linking weight stigma to poor health outcomes. Invited talk given at a workshop sponsored by the National Institute on Minority Health and Health Disparities, "Addressing the Influence of Interpersonal Biases on Health Outcomes and Disparities." June 17 -18, 2024, Virtual Workshop.
- Gerend, M. A. (2022, June). Young sexual minority men's perspectives on HPV vaccination. Invited talk given at the 2022 Prevent Cancer Dialogue, Washington, DC.

## Future Directions

- Narrative messaging intervention to increase HPV vaccine uptake in the southern US
- Weight stigma and cardiometabolic health in early adults with overweight or obesity

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# Karen (Kolmodin) MacDonell, PhD

College of Medicine  
Behavioral Sciences and Social Medicine  
Center for Translational Behavioral Science (CTBS)  
Young Adult Health Program  
[kmacdonell@fsu.edu](mailto:kmacdonell@fsu.edu)

- Expertise:
- . Digital health and mHealth interventions
  - . Behavioral health and adherence among youth with chronic conditions (e.g., HIV, asthma)
  - . Implementation science in health disparity populations

## Research Highlights: Current Projects

- **Improving asthma management and control in emerging adults:**
  - Detroit Young Adult Asthma Project (NHLBI P30, R34, and R01)
  - Asthma and technology in emerging African American adults (ATHENA; NINR R01)
  - North Florida Asthma Program
- **SHARE Program:** Innovations in Translational Behavioral Science to Improve Self-management of HIV and Alcohol Reaching Emerging Adults (NIAAA, P01):
  - *SMARTer Healthy Choices: Optimizing a state-wide scalable intervention to improve alcohol and HIV self-management in adolescents and emerging adults*
- **HIV prevention and treatment in vulnerable youth in international settings:**
  - HIV prevention (PrEP) and stigma reduction among Thai young transgender women (NIMH, R34)
  - PrEP uptake and adherence in transgender adolescents and emerging adults in Thailand (NICHD, R21/33)
  - PrEP uptake and adherence in Thai young MSM (NIMH, R34)
  - HIV self-management and substance use among emerging adults in Zambia (NIDA, R34)

## Publication Highlights

- Dinaj, V., Wang, B., Budhwani, H., Naar, S., & MacDonell, K. K. (2024). Social ecological model of alcohol use among youth living with HIV. *Vulnerable Children and Youth Studies*, 1-15.
- Hall, A. L., Movva, P., Dailey, R., Gibson-Scipio, W., Baptist, A. P., & MacDonell, K. K. (2024). COVID-19 vaccine intentions and attitudes in Black American emerging adults with asthma. *BMC Public Health*, 24(1), 1356.
- MacDonell, K.K., Bruzzese, J., Dinaj-Koci, V., Gibson-Scipio, W., Starbird, W., Hall, A., Dailey, R., Jacques-Tiura, A., & Wang, B. (2023). Predictors of adherence to controller medication in urban African American emerging adults with uncontrolled persistent asthma. *Journal of Asthma*, 1-8.
- Naar, S., MacDonell, K., Chapman, J., Todd, L., Wang, Y., Sheffler, J., & Fernandez, M. I. (2022). Tailored Motivational Interviewing in adolescent HIV clinics: Primary outcome analysis of a stepped wedge implementation trial. *JAIDS Journal of Acquired Immune Deficiency Syndromes*, 90(1), S74-S83.
- MacDonell, K.K., Naar, S., Gibson-Scipio, W., Lam, P., & Secord, E. (2016). The Detroit Young Adult Asthma Project: Pilot of a technology-based medication adherence intervention for African American emerging adults. *Journal of Adolescent Health*, 59(4), 465-71.

## Presentation Highlights

- Hall, A. & MacDonell, K. (2025, March). *The Effect of a Technology-Based Motivational Intervention on Asthma Control and Adherence*. Poster presented at Society of Behavioral Medicine Annual Convention and Scientific Assembly; San Francisco, CA.
- MacDonell, K.K. (2024, May). Lived Experiences with PrEP Among Transgender Women in Thailand: Adaptation of a Motivational Interviewing Based Digital Health Intervention to Support PrEP Uptake and Adherence. Paper accepted for presentation at the Society for Prevention Research 32nd Annual Meeting, Washington, DC.

## Future Directions

- Utilize novel, adaptive research and intervention designs (SMART, MOST, JITAI)
- Build research programs in North Florida/the South
- Implementation science, transitional behavioral research
- Continue to expand and grow the Young Adult Health Program!  
<https://ctbs.fsu.edu/programs/Young-Adult-Health-Program>

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# Elizabeth Milad, Ph.D.

College of Medicine  
Behavioral Sciences and Social Medicine  
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## Expertise:

- Personality Traits
- Stress Processes and Coping
- Health Behaviors, Risk, and Disparities

## Research Highlights: Current Projects

- A Culturally Congruent Approach to Life Satisfaction: The Experience of Discrimination and Role of Personality Traits, Facets, and Coping Strategies in Black and African American Adults. *Journal of Research in Personality. Manuscript in Preparation.*
- Daily Hassles, Coping, and Cognitive Function: A Personality-Based Ecological Momentary Assessment of Risk and Resilience in Middle Adulthood. *Application for Alzheimer’s Association Summer Research Institute (AA-ISRI) and Future Primary Data Collection*
- A Complex Systems Approach to Drinking Decision-Making in Black and African American College Students. *Journal of Addictive Behaviors. Manuscript in Preparation.*

## Publication Highlights

- Bogg, T., **Milad, E.**, & Godfrey, O. (2025). Personality, individual differences and health: A self-regulatory personality system approach to health processes and outcomes. In Brown, K., Hagger, M., Cheng, C., Hamilton, K, & Sutton, S. (Eds.). *Sage Handbook of Health Psychology* (2<sup>nd</sup> Ed.). Sage Publications, Ltd.: London.
- **Milad, E.**, & Bogg, T. (2021). Spring 2020 COVID-19 Surge: Prospective Relations between Demographic Factors, Personality Traits, Social Cognitions and Guideline Adherence, Mask Wearing, and Symptoms in a U.S. Sample. *Annals of Behavioral Medicine*, 55(7), 665–676.
- **Milad, E.**, Bogg, T. (2020). Personality Trait Pathways to Allostatic Load: Testing Prospective Mediation Effects of Coping Styles and Coping-Related Health Behaviors in a National Sample. *Annals of Behavioral Medicine*, 54(11), 880-892.

## Presentation Highlights

- **Milad, E.**, Terracciano, A., Zavala, D., Miller, A., Luchetti, M., Evans, M.K., Zonderman, A.B., Sutin, A.R. (forthcoming 2025) *A Culturally Congruent Approach to Life Satisfaction: The Experience of Discrimination and Role of Personality Traits, Facets, And Coping Strategies in Black and African American Adults.* (Association for Research in Personality, June 2025, Evanston, IL)
- **Milad, E.**, Bogg., T. (forthcoming, 2025) *A Complex Systems Approach to Drinking Decision-Making in Black and African American College Students.* (Association for Psychological Science Conference, May 2025, Washington DC)
- **Milad, E.**, Bogg, T. (2024) *Prevention during the Pandemic: The Prospective Effects of Personality Traits, Demographics, Political Beliefs, COVID-Related Cognitions, and News Source Reliability on Booster Vaccination in 2023* (Association for Psychological Science Conference, San Francisco, CA).

## Future Directions

- Stress, Coping, and Health Outcomes: Continue exploring how stress processes and coping strategies influence physiological health, with a focus on individual differences in perception, motivation, and goal-directed behavior.
- Enhancing Data Collection and Application: Pursue funding for primary data collection to complement secondary data use, strengthening the ecological validity and real-world impact of research on cognitive risk and health resilience.
- Translating Research into Interventions: Over time, use findings to identify early, stress-related indicators of cognitive decline and other negative health outcomes to develop individualized intervention strategies addressing behavioral and social determinants of health.

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## Michael Nair-Collins, Ph.D.

College of Medicine

Behavioral Sciences and Social Medicine

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Expertise:

- Definition and determination of death
- Organ transplantation ethics
- Bioethics and philosophy of science

## Research Highlights: Current Projects

My major current project is a book-length treatment of the nature of biological death, under contract with Oxford University Press. The work defends the “meta-theory” known as scientific realism against antirealist alternatives including logical empiricism, social constructivism, and relativism, as well as against pragmatism. Building on this philosophical foundation – that death is objectively real and not a social or linguistic choice – the work develops a theory of biological life in terms of its dynamic, chemical, thermodynamic, physiologic, and evolutionary-historical aspects, which cannot be reduced to just one of these explanatory perspectives. On that basis it develops a theory of biological death: briefly, we die when entropy overwhelms homeostasis.

## Publication Highlights

- “The Uniform Determination of Death Act is Not Changing. Will Physicians Continue to Misdiagnose Brain Death?”, *American Journal of Bioethics* (online 2024)
- “Frequent Preservation of Neurologic Function in Brain Death and Brainstem Death Entails False-Positive Misdiagnosis and Cerebral Perfusion,” *AJOB Neuroscience* (2023)
- “Must Hypothalamic Neurosecretory Function Cease for Brain Death Determination? Yes.” The UDDA Revision Series. *Neurology* (2023)
- “From the Slaughterhouse to the Laboratory Bench: On the Ethics of Using Slaughtered Animals for Biomedical Research”, *Perspectives in Medicine and Biology* (2021)

## Presentation Highlights

- “The Dead Donor Rule and Organ Transplantation”. Plenary presentation at *Thomas A. Pitts Memorial Lectureship in Medical Ethics*, Medical University of South Carolina (2023).
- “Challenging the dominant narrative on the dead donor rule”. Plenary presentation at *Lester Crown Symposium: Defining Death and Saving Lives*, Trent Center for Bioethics, Humanities & History of Medicine at Duke University (2019).

## Future Directions

After completing my book, I have a second book in mind that will address law, ethics, and medical practice regarding determination of death and organ transplantation. Additionally, I am interested in exploring issues in psychiatric nosology and animal ethics.

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## Scott Pickett, PhD, CBSM

College of Medicine

Behavioral Sciences and Social Medicine

Center for Translational Behavioral Science

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Expertise:

- Psychological trauma, trauma-related reactions, and anxiety
- Sleep health
- Emotion regulation and mindfulness

## Research Highlights: Current Projects

- SHARE Program: Innovations in Translational Behavioral Science to Improve Self-management of HIV and Alcohol Reaching Emerging adults; Protocol Title: Defining intervention targets along pathways from cumulative stress and trauma to alcohol and HIV self-management among young people living with HIV (Project DEFINE). Funded by National Institutes of Health; National Institute on Alcohol Abuse and Alcoholism.
- Rural Resiliency Hubs: An Integrated, Community-Centered Approach to Addressing the Resiliency Divide through Rural Public Libraries. Funded by National Science Foundation; Smart and Connected Communities CIVIC Innovation Challenge (Stage 2).

## Publication Highlights

- Sheffler, J. L., Meng, Z., Sachs-Ericsson, N., Gutierrez Caimary, V., Patel, J., & Pickett, S. M. (in press). *Sleep Quality as a Critical Pathway between Adverse Childhood Experiences and Multimorbidity and the Impact of Lifestyle*. Journal of Aging and Health.
- Pickett, S. M., Kozak, A. T., Lanni, Daniel, J., Warnke, A. S., Gaillard, P., & Jarrett, N. L. (2024). *The Comparison of Brief, Online Mindfulness and Relaxation Interventions to Reduce Stress and Improve Sleep-Related Outcomes in College Students*. Journal of American College Health, 72(4), 1085-1093. doi:[10.1080/07448481.2022.2066979](https://doi.org/10.1080/07448481.2022.2066979)
- Pickett, S. M., Lahar-Weiss, K. I., Gaillard, P., & Kozak, A. T. (2023). *A Comparison Trial of Two Behavioral Sleep Interventions to Improve Sleep-related Outcomes and Reduce Technology Usage among College Students*. American Journal of Psychology, 136(3), 291-297. doi:[10.5406/19398298.136.3.05](https://doi.org/10.5406/19398298.136.3.05)

## Presentation Highlights

- Hicks, K., Green, S. K. S., Pickett, S. M., Rogers, L., Feliciano, K., Solis, S. A., Morgan, J., MacDonell, K., & Naar, S. (presented 2024). *Challenges and Successes in Recruiting and Retaining Emerging Adults with HIV in Florida: Insights from the SHARE Program*. Presentation at Florida Community, Providers, and Researchers (CPR) Conference, The AIDS Institute.
- Reid Marks, L., Pickett, S. M., & Naar, S. (presented 2024). *Racial microaggressions, psychological distress, and substance use in emerging adults of color*. Presentation at International Congress of Psychology, International Union of Psychological Science, Prague, Czech Republic.
- Lico, M., Kozak, A. T., Goldstick, J., & Pickett, S. M. (presented 2023, June). *Sleep and Body Mass Index: The Enduring Effects of Sleep Duration and Wake After Sleep Onset in College Students*. Presentation at 37th Anniversary Meeting of the Associated Professional Sleep Societies, Associated Professional Sleep Societies, Indianapolis, Indiana.

## Future Directions

- Optimizing sleep health interventions
- Making sleep health interventions more accessible and acceptable
- Addressing sleep health disparities

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## Angelina Sutin, PhD

College of Medicine

Behavioral Sciences and Social Medicine

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Expertise:

- Psychological function (e.g., personality) and well-being (e.g., purpose in life)
- Cognitive aging
- Weight discrimination

## Research Highlights: Current Projects

- Purpose in life: Mechanisms to support healthier cognitive aging and reduce risk of Alzheimer's disease (R01AG074573; Sutin PI)
- A mechanistic and dyadic approach to identify how interpersonal conscientiousness supports cognitive health and lowers risk of dementia (RF1AG083878; Sutin PI)
- Prenatal and Early Life Antecedents of Personality: An Intergenerational Lifespan Approach (RF1AG053297; Sutin PI)

## Publication Highlights

- Sutin, A. R., Luchetti, M., Gamaldo, A. A., Mogle, J., Lovett, H. H., Brown, J., Sliwinski, M. J., & Terracciano, A. (2024). Purpose in life and cognitive function: Evidence for momentary associations in daily life. *Innovation in Aging*, 8, igae018.
- Sutin, A. R., Luchetti, M., Stephan, Y., & Terracciano, A. (2023). Change in purpose in life before and after onset of cognitive impairment. *JAMA Network Open*, 6, e2333489.
- Sutin, A. R., Luchetti, M., Aschwanden, D., Stephan, Y., Sesker, A. A., & Terracciano, A. (2023). Sense of meaning and purpose in life and risk of incident dementia: New data and meta-analysis. *Archives of Gerontology and Geriatrics*, 105, 104847.

## Presentation Highlights

- Sutin, A. R. (2021, November). Sense of purpose, loneliness, and cognitive health. Invited speaker in the symposium Toward Cultivating Connection (N. Tyus, chair). 2021 NIH Behavioral and Social Sciences Research Festival.
- Sutin, A. R. (2023, November). Momentary Associations Between Purpose and Cognitive Function in Everyday Life. Paper presented in New directions in research on the dynamics of purpose in life and cognitive aging (A. Sutin, Chair). Annual Meeting of the Gerontological Society of America, Tampa, FL.
- Sutin, A. R. (2024, October). Weight Discrimination and Health Across the Lifespan. University of Florida.

## Future Directions

My research addresses the psychological and social factors that contribute to cognitive aging outcomes. Longitudinal research has shown consistently that factors such as conscientiousness, purpose in life, and loneliness are associated with the development of dementia measured over decades. My current research shrinks the timescale to examine the daily dynamics of these factors and cognitive function in daily life. The long-term goal of this research is a non-pharmacological intervention administered in everyday life to improve cognitive outcomes and well-being and prevent Alzheimer's disease and other dementias.

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## Daisy V. Zavala, Ph.D.

College of Medicine

Behavioral Sciences and Social Medicine

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Expertise:

- Intensive Longitudinal Study Designs
- Ecological Momentary Assessment (EMA) Study Designs
- Subjective and Biological Markers of Cognitive Aging

## Research Highlights: Current Projects

- Feeling younger than my actual age; Associations with momentary cognition and end of day self-reports of subjective age and cognition  
**Role:** Lead Author
- Stress Mindset and Perceived Stress: No Momentary Links to Cognitive Functioning in Daily Life  
**Role:** Co-Author
- Stress Mindset and Perceived Stress: No Momentary Links to Cognitive Functioning in Daily Life  
**Role:** Co-Author

## Publication Highlights

- **Zavala, D.**, Dzikowski, N., Gopalan, S., Harrington, K.D., Mogle, J., Munoz, E., Pasquini, G., Reid, K., Sliwinski, M., Graham-Engeland, J.E., Engeland, C.G., Bernard, K., Veeramah, K., Scott, S.B., (2024). Epigenetic age acceleration and chronological age on cognitive performance in daily life. *The journals of gerontology. Series A, Biological sciences*. *\*Note: This article was selected as Editor's choice for the Journal of Gerontology Biological Sciences in January 2024*
- **Zavala, D.**, Ferguson, G., Pasquini, G., & Scott, S.B., (2025). Measurement burst designs in developmental science. In D. Teti, B. Cleveland, & K. Rulison (2nd edition), *Handbook of Research Methods in Developmental Science*.
- *Neupert, S.D., Graham, E.K., Ogle, D., Ali, S., Zavala, D., Kincaid, R., Hughes, M.L., Hu, R.X., Antonucci, T., Suitor, J.J., Gilligan, M., & Scott, S.B., (2024). Social interactions and loneliness in daily life during a population-wide stressor: A COVID-19 coordinated analysis. A Coordinated Data Analysis of Four Longitudinal and Cross-Sectional Studies Exploring Age Differences in Social Interactions and Loneliness During a Global Pandemic. The Journals of gerontology. Series B, Psychological Sciences and Social Sciences.*

## Presentation Highlights

- **Zavala, D.**, Corley, S., Oravec, M., Sliwinski, M., & Scott, S.B. (2024, Nov). **Does Epigenetic Age Acceleration Predict Steeper Longitudinal Declines in Cognition in Daily Life?** Poster presented at the Gerontological Society of America, Seattle, WA.
- How Discrimination Effects Emotional Health and Contributes to Disparities. Psychology department: Farmingdale State College. Farmingdale, New York. Oct 16, 2023.
- **Zavala, D.**, Dzikowski, N., Gopalan, S., Mann, F., Pasquini, G., Reid, K., Graham-Engeland, C. Engeland, C., Bernard, K., Veeramah, K., & Scott, S.B. (2022, Nov). Applying new methods to existing datasets to test stress effects on biological aging. In N. Turiano and J. Blaskewicz Boron (chairs) symposium presented at the Gerontological Society of America, Indianapolis, IN.

## Future Directions

My research program takes a life-span approach to understand how social (e.g., stress, discrimination, immigration) and biological (e.g., epigenetic age acceleration) factors affect health (e.g., emotional and cognitive health). As a recipient of the A.W. Burghardt Turner Graduate Fellowship, coordinated by the Center for Inclusive Education (CIE) at Stony Brook University, and the NIH Maximizing Access to Research Careers (MARC) program at California State University San Marcos, I am also passionate about recruiting underrepresented minorities to become involved in the research process -- both as participants in research studies and as future scientists helping launch studies.

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Regan L Bailey, Ph.D., M.P.H., R.D.

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**Research Snapshot:** The focus of research in the Bailey lab is to improve the methods of measuring nutritional status to optimize health.

**Areas of expertise:**

- Nutritional Epidemiology
- Dietary Supplements
- Dietary Assessment
- Biomarkers
- Chronic Disease Risk
- Rural Health
- Nutrition Screening
- Fortification
- Public Health
- Nutrition Policy

**Current Projects:**

- Development of a Total Nutrient Index (NIH- U01CA215834)
- Estimation of Total Usual Dietary Intakes and the Contribution of Prenatal Supplements Among U.S. Pregnant Women (NIH/ODS contract)
- A Systematic Research Approach to Evaluate Nutrition Biomarkers for Maternal and Child Health Outcomes (Bill and Melinda Gates Foundation)

**Recent Publications:**

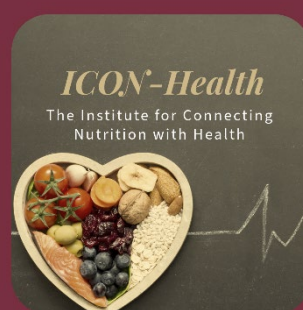
Bailey RL Seguin-Fowler RA, Stover PJ, Scott-Pierce M, Racine EF, Eicher-Miller HA, Fischer BL. Effectiveness Evaluation of National Nutrition Education Programs Must be a Priority to Secure Nutrition Security. In press, *Nature Food*.

Cowan AE, Bailey RL, Gahche JJ, Dwyer JT, Reynolds LM, Carroll RJ, Mallick BK, Mitchell DC, Tooze JA. Methods Matter for Dietary Supplement Exposure Assessment: Comparing Prevalence, Product Types, and Amounts of Nutrients from Dietary Supplements in the Interactive Diet and Activity Tracking in AARP Cohort Study. In press, *American Journal of Clinical Nutrition*.

Bailey RL, MacFarlane AJ, Field MS, Tagkopoulos I, Baranzini SE, Edwards KM, Rose CJ, Schork NJ, Singhal A, Wallace BC, Fisher KP, Markakis K, Stover PJ. The Utility of Artificial Intelligence in Food and Nutrition Evidence Synthesis: The Challenges and Opportunities based on a Convening of Experts. Accepted to *PNAS Nexus*, 2024.

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**Future Directions:** New to FSU and the College of Medicine, I am excited to make research connections, provide mentoring, or be of service to the mission. My primary responsibility is to develop an institute that connects nutrition and health, leveraging the diverse skills within and outside FSU.



**Let's Connect**





