**Ahnalee M. Brincks, Ph.D.**

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brincksa@msu.edu

**ACADEMIC EMPLOYMENT**

**Associate Professor College of Social Science, Michigan State University,** East Lansing, MI

*Tenure Stream* Department of Human Development and Family Studies

2023 – Present

**Visiting Scholar Institute for Social Research, University of Michigan**,Ann Arbor, MI

2017 - PresentSurvey Research Center, Quantitative Methods

**Associate Professor College of Social Science, Michigan State University,** East Lansing, MI

*Fixed Term* Department of Human Development and Family Studies

2022 – 2023

**Assistant Professor College of Social Science, Michigan State University,** East Lansing, MI

*Fixed Term* Department of Human Development and Family Studies

2019 – 2022

**Assistant Professor College of Human Medicine, Michigan State University**,East Lansing, MI

2016 – 2019 Department of Epidemiology and Biostatistics

**Lead Research Miller School of Medicine, University of Miami**,Coral Gables, FL

**Analyst** Department of Public Health Sciences

2012 – 2016

**Research Fellow Miller School of Medicine, University of Miami**,Coral Gables, FL

2008 – 2012 Department of Public Health Sciences, Center for Family Studies

**EDUCATION**

**Ph.D. University of Miami**,Coral Gables, FL

2012 Interdisciplinary Studies: Psychology, Public Health Sciences, Education

 Specialization in Bio-Behavioral Statistics

**M.A. University of Iowa**, Iowa City, IA

1998 Education, Student Development in Postsecondary Education

 *Counseling emphasis, CACREP Accredited*

**B.A.** **Creighton University**, Omaha, NE

1996 Psychology

**RESEARCH SUMMARY**

My research centers on the use of complex statistical methods to address important scientific questions in the prevention of substance use and mental illness.  I specialize in latent variable modeling and have expertise in longitudinal data analysis, hierarchical linear models, structural equation modeling, and the analysis of data from randomized clinical trials. Fascinated by heterogeneity in response to intervention, I am interested in better understanding how and for whom preventive interventions are effective. My current work is in (1) causal mediation analysis, and (2) the design and analysis of adaptive interventions using Sequential Multiple Assignment Randomized Trials (SMART).

**AWARDS AND HONORS**

2022 **Distinguished Research Award**

American Educational Research Association, Division E

Lai, B.S., La Greca, A.M., **Brincks, A. M.,** Colgan, C., D’Amico, M., Lowe, S., & Kelley, M.L. (2021). Trajectories of posttraumatic stress in youths after natural disasters. *JAMA Open Network,* 4(2): e2036682. doi:10.1001/jamanetworkopen.2020.36682

2014 **DAISY Faculty Award Finalist**, University of Wisconsin – Milwaukee

2008 – 2012 **University Fellowship (highest award)**, Full Tuition and Stipend, *University of Miami*

**FUNDED GRANTS**

2024 – 2029 **Multilevel Substance Use Disorder and Overdose Prevention for Rural Youth Involved in County Legal Systems**
National Institute on Drug Abuse

 *Principal Investigator:* Kym Ahrens, Carolyn McCarty

 *Role:* Co-Investigator

 *Award Number*: R61DA061846

2022 – 2027 **Increasing Minority Physician and APRN Clinician-scientist Research Training To Equalize Addiction Medicine (IMPACT TEAM)**
National Institute on Drug Abuse

 *Principal Investigator:* Cara Poland

 *Role:* Mentor

 *Award Number*: R25DA056910-01

2020 – 2025 **Culturally-targeted Communication to Promote SARS-CoV-2 Antibody Testing in Saliva: Enabling Evaluation of Inflammatory Pathways in COVID-19 Racial Disparities**

National Cancer Institute

 *Principal Investigator:* Todd Lucas

 *Role:* Co-Investigator

 *Award Number*: U01CA260469

2019 – 2024 **Developing Methods to Estimate Mediation Effects in Adaptive Interventions**

National Institute of Drug Abuse

 *Role:* Principal Investigator

 *Award Number*: K01DA047516

2019 – 2024 **Using SMART Design to Identify an Effective and Cost-Beneficial Approach to Preventing Opioid Use in Justice-Involved Youth**

National Institute of Drug Abuse

 *Principal Investigator:* Kevin Haggarty & Kym Ahrens

 *Role:* Co-Investigator

 *Award Number*: UG3DA050189

2022 – 2025 **Comprehensive Program for Adaptive Interventions Training in Education Sciences (CATIE)**

U.S. Institute of Education Sciences

 *Principal Investigator:* Daniel Almirall

 *Role:* Consultant and Instructor

 *Award Number*: R324B220001

2018 – 2020 **Getting SMART About Adaptive Interventions in Education**

U.S. Institute of Education Sciences

 *Principal Investigators:* Daniel Almirall & Inbal Nahum-Shani

 *Role:* Consultant and Instructor

 *Award Number*: R324B180003

2018 – 2020 **Trajectories of Teacher Stress: The Roles of Coping and Prior Exposure to Trauma**

National Institute of Child Health and Human Development

 *Principal Investigator:* Holly Brophy-Herb

 *Role:* Co-Investigator

 *Award Number*: R21HD09040601

2018 – 2020 **Child Trajectories of Posttraumatic Stress After Natural Disasters**

National Institute for Mental Health

 *Principal Investigator:* Betty Lai

 *Role:* Consultant

 *Award Number*: R03MN11384901

2019 – 2020 **Vincristine-induced Peripheral Neuropathy Progression During the Second Year of Acute Lymphocytic Leukemia Treatment in Children**

American Nursing Foundation

 *Principal Investigator:* Debra Lee

 *Role:* Consultant

2013 **Accounting for Partial Trial Redundancy in Synthesis Reviews**

Clinical and Translational Science Institute – University of Miami

 *Role:* Investigator

2012 – 2015 **Collaborative Data Synthesis for Adolescent Depression Trials**

National Institute of Mental Health

 *Principal Investigator:* C. Hendricks Brown

 *Role:* Lead Research Analyst

 *Award Number*: R01MH040859-24

2009 – 2011 **Brief Strategic Family Therapy versus Treatment as Usual: Extended Follow-up for Drug Using Adolescents**

National Institute on Drug Abuse

 *Principal Investigator:* Jose Szapocznik & Michael Robbins

 *Role:* Research Assistant

 *Award Number*: RC2DA028864

2006 – 2008 **Family Therapy Mechanisms in HIV+ Women in Drug Recovery**

National Institute on Drug Abuse

 *Principal Investigator:* Victoria Mitrani

 *Role:* Research Assistant

 *Award Number*: R01DA016543

2006 – 2008 **Healthy Attitudes of Minority Families**

National Center for Minority Health and Health Disparities

 via National Institute on Drug Abuse

 *Principal Investigator:* Daniel Feaster

 *Role:* Research Assistant

 *Award Number*: R01DA016543

2006 – 2008 **Adherence in HIV+ Women Recovering from Substance Abuse**

National Institute on Drug Abuse

 *Principal Investigator:* Daniel Feaster

 *Role:* Research Assistant

 *Award Number*: R01DA15004

**GRANT PROPOSALS UNDER REVIEW**

September 2024 **Developing and Piloting Relational Savoring: A Novel Professional Learning Approach to Reduce Head Start Teacher Turnover and Enhance Classroom Quality and School Readiness**

Institute for Education Sciences

 *Principal Investigator:* Holly Brophy-Herb

 *Role:* Co-Investigator

November 2024 **Advancing Mediation Analysis in Substance Use Optimization Trials Using the Multiphase Optimization Strategy**

National Institute of Health

 *Principal Investigator:* Donna Coffman, University of South Carolina

 *Role:* Co-Investigator (MSU Subcontract)

November 2024 **The Substance Prevention and Epidemiology/Etiology Center for Translational Research (SPECTR)**

National Institutes of Health

U24 Grant: Johns Hopkins University is lead institution

*Role:* Co-Investigator (MSU Subcontract)

November 2024 **Promoting child mental health equity through cultural coaching
groups: The development and testing of a cultural adaptation model compatible with the public mental health system**

National Institutes of Health

 *Principal Investigator:* Kendal Holtrop

 *Role:* Co-Investigator

**PEER REVIEWED PUBLICATIONS**

60. **Brincks, A. M.,** Bauer, S. J., & Anthony, J. C. (2024). Parental monitoring and its association with alcohol, tobacco cigarettes, and cannabis initiation in the United States adolescent population. *Journal of Adolescent Health*.

59. Lozano, A.\*, Ocasio, M. A., **Brincks, A. M.,** Harkness, A., Perrino, T., & Prado, G. (2024). Factor structure of the Klein Sexual Orientation Grid among Latina/o/x adolescents. *Journal of LGBT Youth*, 1-18.

58. Ahrens, K. R., **Brincks, A. M.,** Haggerty, K. P., McCarty, C. A., Dean, S., Albertson, K. M., ... & Wun, A. (2024). Designing and piloting a sequential multiple assignment randomized trial for opioid prevention among youth in the legal system. *Psychology of Addictive Behaviors*.

57. Ocasio, M. A., **Brincks, A. M.,** & Fernandez, M. I. (2024). Examining the Performance of the Sexual Minority Adolescent Stress Inventory with Transgender and Gender-Diverse Youth and Sexual Minority Emerging Adults: A Methodological Study. *LGBT Health*.

56. Lee, S., Myers, N. D., Bateman, A. G., Prilleltensky, I., McMahon, A., & **Brincks, A. M.** (2024). Baseline self-efficacy predicts subsequent engagement behavior in an online physical activity intervention. *Frontiers in Sports and Active Living*, *6*, 1401206.

55. **Brincks, A. M.**, MacKinnon, D. P., Gustafson, D. H., & McKay, J. R. (2024). Using causal mediation to examine self-efficacy as a mechanism through which continuing care interventions reduce alcohol use. *Psychology of Addictive Behaviors*.

54. Myers, N. D., **Brincks, A. M.,** & Lee, S. (2024). Using Directed Acyclic Graphs (DAGs) to determine if the total causal effect of an individual randomized physical activity-promoting intervention is identifiable. *Measurement in Physical Education and Exercise Science*, 1-16.

53. Myers, N. D., **Brincks, A. M.,** & Lee, S. (2024). Direct and indirect causal effects of an individual randomized physical activity-promoting intervention: A substantive-methodological synergy. *Measurement in Physical Education and Exercise Science*, 1-19.

52. Zamani-Hank, Y.\*, **Brincks, A. M.,** Talge, N. M., Slaughter-Acey, J., & Margerison, C. (2024). The association between adverse childhood experiences and preterm delivery: A Latent Class Approach. *Journal of Women's Health*.

51. Bateman, A. G., Myers, N. D., Feltz, D., Pfeiffer, K. A., Kelly, K., Smith, A. L., Lee, S., McMahon, A., Prilleltensky, I., Prilleltensky, O., & **Brincks, A. M.** (2023). The Self-Efficacy to Regulate Physical Activity Scale: Exploring the Factor Structure, Temporal Invariance, and External Validity in a Latent Variable Framework. Measurement in Physical Education and Exercise Science, 1-17.

50. Rojas, L. M., **Brincks, A.,** Brown, E. C., Bahamon, M., Estrada, Y., Kyoung Lee, T., Prado, G. & Pantin, H. (2023). Family functioning in Hispanic parents of adolescents: Who benefits most from a family-based HIV and substance use preventive intervention? *Prevention Science*.

49. Lee, S., Myers, N. D., Bateman, A. G., Chun, H., Prilleltensky, I., McMahon, A., & **Brincks, A. M.** (2023). Measuring multidimensional well-being actions with the newly expanded version of the I COPPE Actions scale in adults with obesity. *Measurement in Physical Education and Exercise Science*.

48. Brophy-Herb, H., **Brincks, A. M.,** Cook, J., Stacks, A., Vallotton, C., Frosch, C., Carson, R., Wheeler, R., Perkins, H. A., & Jennings, P.  (2023). Stress Intensity and Exhaustion Among Infant and Toddler Teachers: Descriptive Analysis and Associations with Sources of Stress and Coping Strategy Use. *Early Education and Development*.

47. Brophy-Herb, H. E., Stacks, A. M., Frosch, C., **Brincks, A. M.,** Cook, J. L., Vallotton, C. D., ... & Jennings, P. A. (2024). The effects of a relationship-focused professional development intervention on infant and toddler teachers’ mindfulness-based strategies for coping. *Early Childhood Education Journal*, *52*(2), 243-257.

46. **Brincks, A. M.,** Perrino, T., Estrada, Y., & Prado, G. (2023). Preventing alcohol use among Hispanic adolescents through a family-based intervention: The role of parent alcohol misuse. *Journal of Family Psychology*, 37(1), 105.

45. Myers, N.D., Lee, S., Bateman, A.G., Wekesser, M., Prilleltensky, I., McMahon, A., &
**Brincks, A. M.** (2022). Initial validity evidence for responses to the newly developed well-being actions self-efficacy scale from adults with obesity under an exploratory latent variable approach. *Measurement in Physical Education and Exercise Science*.

44. **Brincks, A. M.**, Perrino, T., & Howe, G. W. (2022). Secondary analysis to inform the development of adaptive preventive interventions. *Clinical Child and Family Psychology Review*, *25*(4), 646-657.

43. Myers, N.D., Bateman, A.G., McMahon, A., Prilleltensky, I., Lee, S., Prilleltensky, O., Pfeiffer, K.A., & **Brincks, A. M.** (2021). Measurement of physical activity self-efficacy in adults with obesity: A latent variable approach to explore dimensionality, temporal invariance, and external validity. Journal of Sport & Exercise Psychology. Advance online publication. doi:10.1123/jsep.2021-0040

42. Pacewicz, C. E., Hill, C., Lee, S., & Myers, N. D., Prilleltensky, I., McMahon, A., Pfeiffer, K. A, & **Brincks, A. M.** (2021). Testing measurement invariance in physical education and exercise science: A tutorial using the well-being self-efficacy scale. *Measurement in Physical Education and Exercise Science.*

41. Myers, N. D., Prilleltensky, I., McMahon, A., **Brincks, A. M.,** Lee, S., Prilleltensky, O., ... & Bateman, A. G. (2021). Mechanisms by which the Fun for Wellness intervention may promote subjective well-being in adults with obesity: A reanalysis using baseline target moderation. *Prevention Science*, 1-13.

40. Scarpa, M.P., Prilleltensky, I., McMahon, A., Myers, N.D., Prilleltensky, O., Lee, S., Pfeiffer, K.A., Bateman, A.G., & **Brincks, A. M.** (2021). Is Fun For Wellness engaging? Evaluation of user experience of an online intervention to promote well-being and physical activity.*Frontiers in Computer Science, 3*:690389.10.3389/fcomp.2021.690389

39. **Brincks, A. M.,** Perrino, T., Howe, G., Estrada, Y., Robles, N., & Prado, G. (2021). *Familias Unidas* prevents youth internalizing symptoms: A Baseline Target Moderated Mediation (BTMM) study. *Prevention Science. doi: 10.1007/s11121-021-01247-2*

38. Lai, B. S., La Greca, A. M., Brincks, A., Colgan, C. A., D’Amico, M. P., Lowe, S., & Kelley, M. L. (2021). Trajectories of posttraumatic stress in youths after natural disasters. *JAMA network open*, *4*(2), e2036682-e2036682.

37. Lee, S., McMahon, A., Prilleltensky, I., Myers, N. D., Dietz, S., Prilleltensky, O., Pfeiffer, K. A., Bateman, A. G., & **Brincks. A. M.** (2020). Effectiveness of the Fun for Wellness Online Behavioral Intervention to Promote Well-Being Actions in Adults with Obesity or Overweight: A Randomized Controlled Trial. *Journal of Sport & Exercise Psychology*. Advance online publication. [https://doi.org/10.1123/jsep.2020-0049](https://urldefense.com/v3/__https%3A/doi.org/10.1123/jsep.2020-0049__;!!HXCxUKc!kFstiYrxwhHvRaBewjQkPjLgjoRkvWFUmQo-OJHLMEg9h9iK3EWULSE_jDIvkhyg$).

36. Prilleltensky, I., McMahon, A., Myers, N. D., Prilleltensky, O., Dietz, S., Scarpa, M. P., ... & **Brincks, A. M.** (2020). An Exploration of the Effectiveness of the Fun For Wellness Online Intervention to Promote Health in Adults With Obesity: A Randomized Controlled Trial. *Journal of Prevention and Health Promotion*, 2632077020968737.

35. Myers, N. D., Prilleltensky, I., McMahon, A., Lee, S., Dietz, S., Prilleltensky, O., Pfeiffer, K. A., Bateman, A. G., & **Brincks, A. M.** (2020). Effectiveness of the fun for wellness online behavioral intervention to promote subjective well-being in adults with obesity: A randomized controlled trial. Journal of Happiness Studies. Advance online publication. doi:10.1007/s10902-020-00301-0

34. Myers, N.D., McMahon, A., Prilleltensky, I., Lee, S., Dietz, S., Prilleltensky, O., Pfeiffer, K.A., Bateman, A. G., & **Brincks, A. M.** (2020). Effectiveness of the fun for wellness web-based behavioral intervention to promote physical activity in adults with obesity: A randomized controlled trial. *Journal of Medical Internet Research Formative Research, 4,*e15919*.* doi:10.2196/15919

33. Myers, N. D., Prilleltensky, I., Lee, S., Dietz, S., Prilleltensky, O., McMahon, A., ... & **Brincks, A. M.** (2019). Effectiveness of the fun for wellness online behavioral intervention to promote well-being and physical activity: protocol for a randomized controlled trial. *BMC public health*, *19*(1), 737.

32. Myers, N. D., Lee, S., Bateman, A. G., Prilleltensky, I., Clevenger, K. A., Pfeiffer, K. A., Dietz, S., Prilleltensky, O., McMahon, A., & **Brincks, A. M.** (2019). Accelerometer-based assessment of physical activity within the fun for wellness online behavioral intervention: Protocol for a feasibility study. *Pilot and Feasibility Studies,* 5(73)*.* doi:10.1186/s40814-019-0455-0

31. Howe, G. W., Dagne, G. A., Brown, C. H., **Brincks, A. M.,** Beardslee, W., Perrino, T., & Pantin, H. (2019). Evaluating construct equivalence of youth depression measures across multiple measures and multiple studies. *Psychological Assessment*, *31*(9), 1154.

30. McCabe, B. E., **Brincks, A. M.,** Halstead, V., Munoz-Rojas, D., & Falcon, A. (2019). Optimizing the US-AUDIT for alcohol screening in US college students. *Journal of Substance Use*, *24*(5), 508-513.

29. **Brincks, A. M.,** Shiu-Yee, K., Metsch, L. R., del Rio, C., Schwartz, R. P., Jacobs, P., Osorio, G., Sorensen, J. L., & Feaster, D. J. (2019). Physician mistrust, medical system mistrust, and perceived discrimination: Associations with HIV care engagement and viral load. *AIDS and Behavior*, 1-11*.*

28. Perrino, T., **Brincks, A. M.,** Lee, T. K., Quintana, K., & Prado, G. (2019). Screen-based sedentary behaviors and internalizing symptoms across time among Hispanic adolescents. *Journal of Adolescence*, 72, 91-100.

27. Elliott, J. C., **Brincks, A. M.,** Feaster, D. J., Hasin, D. S., del Rio, C., Lucas, G. M., Rodriguez, A. E., Nijhawan, A. E., & Metsch, L. R. (2018). Psychosocial factors associated with problem drinking among substance users with poorly controlled HIV infection. *Alcohol and Alcoholism,* 53(5), 603-610*.*

26. **Brincks, A. M.**, Montag, S., Howe, G. W., Huang, S., Siddique, J., Ahn, S., Sandler, I. N., Pantin, H., & Brown, C. H. (2018). Addressing methodologic challenges and minimizing threats to validity in synthesizing findings from individual level data across longitudinal randomized trials. *Prevention Science, 19*(1), 60-73.

25. Shiu, K., **Brincks, A. M.,** Feaster, D. J., Frimpong, J. A., Gooden, L., Nijhawan, A., ... & Drainoni, M. L. (2017). Patterns of substance use and arrest among hospitalized people living with HIV: a latent class analysis. *Drug and Alcohol Dependence*, *100*(171), e189-e190.

24. **Brincks, A. M**., Perrino, T., Howe, G., Pantin, H., Huang, S., Prado, G., Cruden, G., & Brown, C. H. (2018). Preventing Youth Internalizing Symptoms through the Familias Unidas Intervention: Examining Variation in Response, *Prevention Science,* *19*(1), 49-59.DOI: 10.1007/s11121-016-0666-z*.*

23. Brown, C. H., **Brincks, A. M.**, Huang, S., Perrino, T., Cruden, G., Pantin, H., ... & Sandler, I. (2018). Two-year impact of prevention programs on adolescent depression: An integrative data analysis approach. *Prevention Science,* *19*(1), 74-94.

22. Traynor, S. M., **Brincks, A. M.,** & Feaster, D. J. (2017). Correlates of unknown HIV status among MSM participating in the 2014 American Men’s Internet Survey (AMIS). *AIDS and Behavior,* 1-14. https://doi.org/10.1007/s10461-017-1894-3

21. **Brincks, A. M.**, Enders, C. K., Llabre, M. M., Bulotsky-Shearer, R. J., Prado, G., & Feaster, D. J. (2017). Centering predictor variables in three-level contextual models, *Multivariate Behavioral Research, 52*(2), 149-163.

20. Perrino, T., **Brincks, A. M.,** Howe, G., Pantin, H., Prado, G., & Brown, C. H. (2016). Reducing internalizing symptoms among high-risk, Hispanic adolescents: Mediators of a family intervention. *Prevention Science, 17*(5), 595-605.

19. Perrino, T., Pantin, H., Huang, S., **Brincks, A. M.**, Brown, C. H., & Prado, G. (2016). Reducing the risk of internalizing symptoms among high‐risk Hispanic youth through a family intervention: A randomized controlled trial. *Family Process*, *55*(1), 91-106.

18. Horigian, V. E., Feaster, D. J., Robbins, M. S., **Brincks, A. M.,** Ucha, J., Rohrbaugh, M. J., ... & Szapocznik, J. (2015). A cross‐sectional assessment of the long term effects of brief strategic family therapy for adolescent substance use. *The American Journal on Addictions*.

17. Horigian, V. E., Feaster, D. J., **Brincks, A. M**., Robbins, M. S., Perez, M. A., & Szapocznik, J. (2015). The effects of Brief Strategic Family Therapy (BSFT) on parent substance use and the association between parent and adolescent substance use. *Addictive Behaviors,* 42, 44-50.

16. Siddique, J., Reiter, J., **Brincks, A. M.,** Gibbons, R., Crespi, C., & Brown, C. H. (2015). Multiple imputation for harmonizing non-commensurate measures in individual participant data meta-analysis. *Statistics in Medicine.*

15. Perrino, T., Beardslee, W., Bernal, G., **Brincks, A. M.,** Cruden, G., Howe, G., Murry, V., Pantin, H., Prado, G., Sandler, I., & Brown, C. H. (2015). Towards scientific equity for the prevention of depression and internalizing symptoms in vulnerable youth. *Prevention Science, 16*(5), 642-651.

14. Sandler, I., Wolchik, S. A., Cruden, G., Mahrer, N. E., Ahn, S., **Brincks, A. M.**, & Brown, C. H. (2014). Overview of meta-analyses of the prevention of mental health, substance use, and conduct problems. *Annual Review of Clinical Psychology*, *10*, 243-273.

13. Horigian, V. E., Feaster, D. J., Robbins, M. S., **Brincks, A. M.,** Perez, M. A., & Szapocznik, J. (2014). Long-term effects of brief strategic family therapy for adolescent substance users. *Drug and Alcohol Dependence,* 140, e91.

12. Huang, S., Cordova, D., Estrada, Y., **Brincks, A. M.,** Asfour, L.S., & Prado, G. (2014). An application of the complier average causal effect analysis to examine the effects of a family intervention in reducing illicit drug use among high-risk Hispanic adolescents. *Family Process,* doi: 10.1111/famp.12068

11. Perrino T., Pantin, H., Prado, G., Huang, S., **Brincks, A. M.,** Howe, G., Beardslee, W., & Brown, C. H. (2014). Preventing internalizing symptoms among Hispanic adolescents: A synthesis across Familias Unidas Trials. *Prevention Science,* 1-12, 917-928.

10. Feaster, D. J., Reznick, O. G., Zack, B., McCartney, K., Gregorich, S. E., & **Brincks, A. M.** (2013). Health status, sexual and drug risk, and psychosocial factors relevant to postrelease planning for HIV+ prisoners. *Journal of correctional health care*, *19*(4), 278-292.

9. Myers, N.D., **Brincks, A. M.,** Ames, A. J., Prado, G. J., Penedo, F. J., & Benedict, C. (2012). Multilevel modeling in psychosomatic medicine research. *Psychosomatic Medicine, 74*(9), 925-936. PMID: 23107843, doi: 10.1097/​PSY.0b013e3182736971.

8. Feaster, D. J., Mikulich-Gilbertson, S., & **Brincks, A. M.** (2011). Modeling site effects in the design and analysis of multisite trials. *The American Journal of Drug and Alcohol Abuse, 37*(5), 383-391*.*

7. Feaster, D. J., **Brincks, A. M.,** Robbins. M. S., & Szapocznik, J. (2011). Multilevel models to identify family contextual effects on individual group member outcomes: A family example. *Family Process, 50*(2), 167-183.

6. **Brincks, A. M.,** Feaster, D. J., & Mitrani, V. B. (2010). A multilevel mediation model of stress and coping for women with HIV and their families. *Family Process, 49*(4), 517-529.

5. **Brincks, A. M.,** Feaster, D. J., Burns, M., & Mitrani, V. B. (2010). The influence of health locus of control on the patient-provider relationship. *Psychology, Health and Medicine, 15*(6), 720-728.

4. Myers, N. D., **Brincks, A. M.,** & Beauchamp, M. R. (2010). A tutorial on centering in cross-sectional two-level models. *Measurement in Physical Education and Exercise Science, 14,* 275-294.

3. Feaster, D. J., **Brincks, A. M.,** Mitrani, V. B., Prado, G., Schwartz, S., & Szapocznik, J. (2010). The efficacy of Structural Ecosystems Therapy for HIV medication adherence with African American women. *Journal of Family Psychology, 24*(1), 51-59. PMCID: 2836493.

2. Feaster, D. J., Burns, M. J., **Brincks, A. M.,** Prado, G., Mitrani, V. B., Mauer, M. H., & Szapocznik, J. (2010).  Structural Ecosystems Therapy for HIV+ African American women and drug abuse relapse.  *Family Process*, *49*(2), 204-219.

1. Feaster, D. J., Mitrani, V. B., Burns, M. J., McCabe, B. E., **Brincks, A. M.,** Rodriguez, A. E., Asthana, D., & Robbins, M. S. (2010). A randomized controlled trial of Structural Ecosystems Therapy for HIV medication adherence and substance abuse relapse prevention. *Drug and Alcohol Dependence, 3*(1), 227-234. NIHMS ID: 208534.

**EDITORIAL EXPERIENCE**

Consulting Editor *Journal of Family Psychology*, 2013 – 2016

Journal Reviewer *Journal of Counseling and Clinical Psychology; Multivariate Behavioral Research; Prevention Science; AIDS Care; Psychology, Health and Medicine; Translational Behavioral Medicine; Journal of Family Psychology; Family Process*

**SELECTED PRESENTATIONS AND WORKSHOPS** (*Presenting author noted by \*.)*

2024 Brincks, A. M.\* & Perrino, T. (2024, May 28 – 31). *Adolescent Phone Use, Mental Health, and Family Functioning: Initial Findings from the ABCD Study* [Conference presentation]. Society for Prevention Research 2024 Conference, Washington, D.C., United States.

2024 Ahrens, K.\*, Haggerty, K., Brincks, A., McCarty, C., Ryle, T., Dean, S., ... & Cross, S. (2024, March 13 - 16). *Designing and Piloting a Sequential Multiple Assignment Randomized Trial for Opioid Prevention Among Youth in the Legal System*. Annual meeting of the Society for Behavioral Medicine, Philadelphia, PA.

2024 Aspiras, O.\*, Lucas, T., Brincks, A., Dawadi, A., Maschino, L. Rose, L., Summers, M., & Key, K. Medical Mistrust and Receptivity to SARS-CoV-2 Antibody Testing Among African Americans and White Americans. (2024, March). Poster presented at Society of Behavioral Medicine 45th Annual Meeting. Philadelphia, PA.

2024 “The Comprehensive Program for Adaptive Interventions Training in Education”

 Invited Speaker for 3-day intensive workshop February 21 – 23, 2024.

University of Michigan Institute for Social Research.

2023 Lee, S.\*, Myers, N. D., Bateman, A. G., Chun, H., Prilleltensky, I., McMahon, A., & Brincks, A. M. (2023, June 1-3). Validity evidence for responses to the newly expanded version of the I COPPE Actions scale from adults with obesity [Poster presentation]. North American Society for the Psychology of Sport and Physical Activity, Toronto, Ontario, Canada

 Lee, S. presenting author (former student)

2023 Lozano, A.\*, Ocasio, M.A., Harkness, A., Brincks, A., Perrino, T., & Prado, G. (2023, May 30 – June 2). *Factor Structure and Reliability of the Klein Sexual Orientation Grid Among Latina/o/x Adolescents*[Paper presentation]. Society for Prevention Research, Washington, D.C., United States.

 \*Lozano, A. presenting author (student)

2023 Lucas, T.\*, Dawadi, A., Maschino, L., Summers, M., Rose, L., Aspiras, O., Paneth, N., Key, K., Jones, N., Lapinski-LaFaive, M., Brincks, A.M., Heaney, C.D., & Granger, D.A.. Culturally targeted communication to promote equity in salivary SARS-CoV-2 antibody testing uptake: Results from a randomized control trial in Flint, Michigan. Paper presented at the 2nd Annual Serological Sciences Network (SeroNet) investigators meeting. Bethesda, MD, March 2023.
\*Lucas, T. presenting author.

2023 “The Comprehensive Program for Adaptive Interventions Training in Education”

 Invited Speaker for 3-day intensive workshop March 15 – 17, 2023.

University of Michigan Institute for Social Research.

2023 “Experimental Approaches to Developing Adaptive Interventions”

 Invited Speaker for the Nursing Research Committee at the University of Nebraska Medical Center.

2022 “Experimental Designs for Adaptive Interventions”

 3-hour workshop presented to the American Association for Marriage and Family Therapy.

 Michigan State University.

2022 “Adaptive Preventive Interventions”

 Invited speaker for the Social Development Research Group.

 University of Washington.

2022 “Getting SMART about adaptive interventions”

Pre-conference workshop. Society of Behavioral Medicine Annual Meeting. Baltimore, MD.

2020 “Synthesis of datasets to understand risk and prevention of important mental, emotional and behavioral health outcomes”

 2-day workshop sponsored by the Society for Prevention Research.

 Delivered online due to COVID-19.

2020 “Effectiveness of the fun for wellness online behavioral intervention to promote well-being actions in adults with obesity: A theory-based intervention*.*”

Annual meeting of North American Society for the Psychology of Sport and Physical Activity, Vancouver, Canada. Delivered online due to COVID-19.

*Seung Lee\*, presenting author*

2020 “Adaptive interventions and their applications to substance use treatment”

 Annual meeting of the College on Problems of Drug Dependence, Hollywood, FL.

 Delivered online due to COVID-19.

2020 “Getting SMART about adaptive interventions”

Pre-conference workshop. Society of Behavioral Medicine Annual Meeting. San Francisco, CA.

Cancelled due to COVID-19.

2019 “Introduction to adaptive interventions and sequential multiple assignment randomized trials”

University of Miami Center for Latino Health Research Opportunities Summer Training Institute

(NIH U54 Specialized Center), Coral Gables, FL.

2019 “Child trajectories of posttraumatic stress after disasters: An integrative data analysis study”

International Society of Traumatic Stress Studies Conference, Boston, MA.

 *Betty Lai, presenting author*

2019 “Using SMART design in responsive survey design”

 1-day workshop

 Responsive Survey Design: A Research Education Program

 Institute for Social Research, University of Michigan, Ann Arbor, MI.

2019 “Mechanisms by which *Familias Unidas* prevents youth internalizing symptoms: A baseline

 target moderated mediation (BTMM) study”

 Society for Prevention Research, San Francisco, CA

 *Presentation awarded Abstract of Distinction.*

2019 “Introduction to adaptive interventions and sequential multiple assignment randomized trials”

 1-day workshop

 Michigan State University, Center for Statistical Consulting, East Lansing, MI.

2018 “Screen-based sedentary behavior and internalizing symptoms among Hispanic adolescents”
Society for Prevention Research, Washington, D. C.

 *Tatiana Perrino, presenting author*

2018 “Getting SMART about adaptive interventions” 1-day workshop

 University of Nebraska Medical Center, Omaha, NE.

2018 “Overcoming perceived barriers to NIH funding for optimization of behavioral and biobehavioral interventions”

 Society of Behavioral Medicine, New Orleans, LA.

2017 **“**Deconstructing mistrust: The unique associations between physician mistrust, medical system mistrust and antiretroviral therapy adherence”

 Society for Prevention Research, Washington, D.C.

2017 “Getting SMART about adaptive interventions”

 3-day workshop

 Institute of Education Sciences Summer Research Training Institute, Washington, D.C.

2016 “Medication adherence self-efficacy mediates the impact of patient navigation and contingency management on HIV viral suppression.”

International Conference on HIV Treatment and Prevention Adherence, Fort Lauderdale, FL

 *Karen Shiu-Yee, presenting author*

2015 “Mechanisms by which the *Familias Unidas* intervention influences adolescent internalizing symptoms”

Society for Prevention Research, Washington, D. C.

2014 “Adjusting for study redundancy in second-order meta-analysis” Society for Prevention Research, Washington, D. C.

2013 “Introduction to hierarchical linear modeling.”

2-day workshop

Department of Psychology, University of Miami

2013 “Prevention of internalizing symptoms in the *Familias Unidas* intervention: Examining non-response”

Society for Prevention Research, San Francisco, CA

*Tatiana Perrino, presenting author*

2012 “Family communication and the prevention of internalizing symptoms in Hispanic adolescents:

 Data synthesis across trials of the *Familias Unidas* intervention”

Prevention Science Methodology Group (delivered online)

2012 “Harmonizing through missing data approaches: Using an external calibration sample”

Prevention Science Methodology Group (delivered online)

2012 “Centering in cross-sectional, three-level models.” American Educational Research Association, Vancouver, B.C. Canada.

2011 “The influence of health locus of control on the patient-provider relationship”

Eastern-Atlantic Student Research Forum, Miami, FL.

2009 “Family stress and coping in a multilevel framework.”

Society for Prevention Research, Washington, D.C.

2007 “Stress, social support and health locus of control as predictors of psychological distress

in HIV-infected women.”

American Public Health Association, Washington, D.C.

**MEDIA MENTIONS**

Scutti, S. (2019, March 19). 40% of people with HIV transmit most new infections in the US, a new analysis says. Here’s the plan to stop the spread. *CNN.* Retrieved from: <https://www.cnn.com/2019/03/18/health/hiv-reduce-infections-hhs-cdc-bn/index.html>

**MASTER’S THESIS COMMITTEES (Graduated Students)**

2020 **Morgan Johnson**, College of Human Medicine, Michigan State University

*A confirmatory factor analysis with observed ordinal indicators for student mistrust in a university system: A single factor approach.*

**DOCTORAL DISSERTATION COMMITTEES** **(Graduated Students)**

2024 **Loria Kim,** Human Development and Family Studies, Michigan State University

2023 **Megan Eagle,** College of Human Medicine, Michigan State University

 *An exploration of associations between endoglin, SFlt1 and PGLF at mid-pregnancy with blood pressure during pregnancy, placental abnormalities an hypertension at follow up in the POUCH and POUCHMOMs cohorts.*

2023 **Alyssa Lozano,** Public Health Sciences, University of Miami

2022 **Yasamean Zamani-Hank**, College of Human Medicine, Michigan State University

 *The role of resilience in pregnancy health and birth outcomes using a life course approach*

2022 **Alyssa Vanderziel,** College of Human Medicine, Michigan State University

 *Cannabis legalization and use during pregnancy: A Michigan study.*

2021 **Hanyue Li,** College of Human Medicine, Michigan State University

 *Alternative causal estimands to ITT in clinical trials with noncompliance.*

2019 **Lourdes Rojas,** Miller School of Medicine, University of Miami

 *Family functioning in Hispanic parents of adolescents: Who benefits most from a family-based HIV and substance use preventive intervention?*

2018 **Samantha Bauer,** College of Human Medicine, Michigan State University

 *Contributions to the epidemiology of heroin use.*

**TEACHING**

**Instructor** Human Development and Family Studies, Michigan State University, East Lansing, MI

2024 - present Undergraduate-Level: Quantitative Research Methods in HDFS (Spring 2024, 2025)

 Graduate-Level: Advanced Methods in Intervention Research (Fall 2024)

**Instructor** Department of Epidemiology & Biostatistics,Michigan State University, East Lansing, MI

2017 - 2019 *Undergraduate-Level:* Applied Analytic Methods in Health Studies I (Spring 2018, 2019)

 *Undergraduate-Level:*  Applied Analytic Methods in Health Studies II (Fall 2017, 2018, 2019)

**Instructor** University of Miami, Coral Gables, FL

2015, 2016 *Graduate-Level:* Advanced Statistical Methods I (Department of Public Health Sciences)

 *Graduate Level:* Advanced Statistical Methods II (Department of Public Health Sciences)

 *Graduate-Level:* Multiple Regression (Department of Psychology)

**Instructor** University of Wisconsin – Milwaukee, Milwaukee, WI

2013, 2014 G*raduate-Level:* Biostatistics and Applications for Nursing Practice (College of Nursing)

**SERVICE**

2024 – present *Prevention Science Advocacy Committee*

Member

 Society for Prevention Research (international organization)

2023 - present *College of Social Science Research Committee*

Member

*2023 – present Member, Data Safety and Monitoring Board*

 *Grant #R01HD090230*

 *Title: “Optimizing Collaborative Care for Youth with Persistent Post-Concussive
 Symptoms”*

*PI: Carolyn McCarty, Research Professor, Seattle Children’s Research Institute and
 University of Washington*

2022 – present *Methods Committee*

Member

 Chair, Fall 2024

 Human Development and Family Studies

 Michigan State University

 Earned STEM Ambassador Credential April 15, 2024:

 https://www.credly.com/badges/fe71c106-5fb7-4d76-832d-849ab2aa3460/public\_url

2019 – present *Member,* Independent Monitoring Committee

 Grant # U01AT010132

 Title: “Mind body balance for pediatric migraine”

 PI: Scott Powers, Professor, University of Cincinnati College of Medicine

2017 – present *Society of Behavioral Medicine Special Interest Group*

 Optimizing Behavioral and Biobehavioral Interventions

 Current Role: Chair

 Past Roles: Co-Chair; Conference Chair; Communications Chair

2016 – present *Steering Committee Member*

 Prevention Science Methodology Group

2022 *Designation B Review Committee*

Member

 Human Development and Family Studies, Michigan State University

2022 - 2024 *STEM Ambassadors Program*

 Selected Scientist

 Michigan State University

2020 – 2024 *Member,* Independent Monitoring Committee

 Grant # K23AT009458

 Title: “Using fMRI to understand response to an integrative treatment for pain and

 anxiety in pediatric functional abdominal pain disorders”

 PI: Natoshia Cunningham, Assistant Professor, Michigan State University

2017, 2018, 2022 Society of Behavioral Medicine, *Conference Abstract Reviewer*

2023, 2024

2015, 2016, 2018,

2023 Society for Prevention Research, *Conference Abstract Reviewer*

**PROFESSIONAL AFFILIATIONS**

Society for Prevention Research

Society of Behavioral Medicine

College on Problems of Drug Dependence

American Statistical Association