SIERRA A. BAINTER
CURRICULUM VITAE

Associate Professor • Department of Psychology
The University of Miami • 5665 Ponce de Leon Blvd • Coral Gables, FL
sbainter@miami.edu • 305.284.8690

ACADEMIC APPOINTMENTS

2024 - Present	Associate Professor, Department of Psychology, University of Miami
2016 - 2024	Assistant Professor, Department of Psychology, University of Miami
2016 - Present	Member, Center for Computational Science, University of Miami

EDUCATION

2012-2016   *Ph.D., Quantitative Psychology; Minor: Biostatistics*
The University of North Carolina at Chapel Hill, Chapel Hill, NC
Dissertation: Estimation approaches for generalized linear factor analysis models with sparse indicators.

2010-2012   *M.A., Quantitative Psychology*
The University of North Carolina at Chapel Hill, Chapel Hill, NC
Advisor: Dr. Patrick Curran
Master's Thesis: The Effects of Missing Time-Varying Covariates in Multilevel Models

2006-2010   *B.A., Psychology with Honors; Minor: Spanish*
Arizona State University, Tempe, AZ

GRANTS & FELLOWSHIPS

Active

04/2020 - 03/2025   NIMH K01 MH122805
Bayesian Variable Selection Methods to Accelerate Identification of Important Psychological Predictors and Neural Substrates of Psychopathology
Bainter, PI (Sponsor: Rao, J.S., Timpano, K., Uddin, L.)

Completed

03/2019 - 02/2021   NIMH R21 MH116131
Emotional Decision-making in Pathological Hoarding
Timpano, PI (Co-Investigator)

09/2011 - 05/2021   NIDA K24 DA040489
Addressing Psychosocial Comorbidities in HIV Treatment and Prevention
Steven Safren, PI (Collaborator; 08/2016 – 03/2020)

06/2019 - 05/2020   Provost Research Award, University of Miami
Variable selection methodology to improve replicability in Social Science research
Bainter, PI

11/2018 - 10/2019	Clinical and Translational Science Institute, University of Miami *Examining the heterogeneous clinical expression of social communication disturbances in ASD* Perry/Messinger, PI (Co-Investigator)
09/2018 - 09/2019	National Study of Learning Mindsets, Early Career Fellowship *Does mindset buffer students from instructors' implicit bias?* Brown-Iannuzi, PI (Role: Collaborator)
06/2017 - 05/2018	Provost Research Award, University of Miami *Developing a Novel Estimation Approach for Generalized Linear Factor Analysis Models with Sparse Indicators to Improve Psychological Research Involving Low Base Rate Behaviors and Symptoms.* Bainter, PI
09/2016 - 08/2018	International Obsessive Compulsive Disorder Foundation *Sleep & Circadian Disturbances as a Vulnerability for OCD and Hoarding* Timpano, PI (Role:Co-Investigator) Funding Period:
06/2013 - 05/2016	NIDA F31 DA035523 *A novel application of Bayesian methods for modeling substance use trajectories* Bainter, PI (Sponsor: Patrick Curran, Co-Sponsor: David Dunson)

AWARDS

2020	Commendation for contributions that further the SIPS mission, Society for the Improvement of Psychological Science (SIPS) (to *Bainter, McCauley, Wager, & Losin*)
2019	Poster Award, Society for Affective Neuroscience (SANS) (to *Losin, Bainter, & Wager*)
2016-2017; 2021-2022	Award for Excellence in Graduate Teaching, Psychology Graduate Student Organization, University of Miami

PUBLICATIONS

°indicates student/postdoctoral advisee

Published

Bainter, S. A., Goodman, Z. T.°, Kupis, L.B.°, Timpano, K. R., Fahmy, M.°, , & Uddin, L. Q. (in press). Neural and psychological correlates of PTSD symptoms in a community adult sample. *Cerebral Cortex.*

Goodman, Z. T.°, Nomi, J. S. Kornfeld, S., Bolt, T., Saumure, R. A.°, Romero, C., **Bainter, S. A.**, & Uddin, L. Q. (2023). Brain signal variability and executive functions across the lifespan. *Network Neuroscience*, 1–36.

Bainter, S. A., McCauley, T.G.°, Fahmy, M.°, Kupis, L.B.°, Goodman, Z. T.°, & Rao. J. S. (2023). Comparing Bayesian variable selection to lasso approaches for applications in psychology. *Psychometrika.*

Lee, J. S.°, **Bainter, S. A.**, Tsai, A. C., Andersen, L. S., Stanton, A. M., Magidson, J. F., Kagee, A., Joska, J. A., O'Cleirigh, C., & Safren, S. A. (2023). Intersecting relationships of psychosocial and structural syndemic problems among people with HIV in South Africa: Using network analysis to identify influential problems. *AIDS and Behavior*, 27(6), 1741-1756.

Lozano, A., Weinstein, E.°, Fernandez, A., **Bainter, S.A.**, Atuluru, P., Hurtado, A., Morales, V. Prado, G., Safren, S.A., & Harkness, A. (2023). Determinants of HIV testing and PrEP use among Latino sexual minority men: Refining Barrier and Facilitator Scales. *American Journal of Health Promotion.*

Walsh, E. A.°, Popok, P. J.°, Ream, M.°, **Bainter, S. A.**, Perdomo, D., Taub, C., Saez-Clarke, E. Kesmodel, S., Blomberg, B., & Antoni, M. H. (2023). Predictors of initial engagement with an asynchronous cognitive behavioral stress management website among older women with nonmetastatic breast cancer. *Supportive Care in Cancer*, 31(8), 466.

Woods, A. D., Davis-Kean, P., Halvorson, M. A., King, K. M., Logan, J. A. R., Xu, M., **Bainter, S.A.,** … Vasilev, M. R. (2023). Best Practices for Addressing Missing Data through Multiple Imputation. *Infant and Child Development*.

Ewart, L. D. °, Johnson, A. °, **Bainter, S.A.**, Brown, E. C.°, Grov, C., Harkness, A., Roth, A. M., Paul, R., Neilands, T. B., Dilworth, S. E., & Carrico, A. W. (2022). Tina's ParTy line: Polysubstance use patterns in sexual minority men living with HIV who use methamphetamine. *Drug and Alcohol Review, 41*(2), 338-346.

Goodman, Z. T.°, Timpano, K. R., Llabre, M. M., & **Bainter, S. A.** (2022). Reexamining the psychometric properties and construct validity of the Cognitive Failures Questionnaire. *Psychological Assessment, 34*(7), 671-683.

Goodman, Z. T.°, Casline, E.°, Jensen-Doss, A., Ehrenreich-May, J., & **Bainter, S. A.** (2022). ShinyROC: A dashboard to facilitate evidence-based assessment. *Psychological Assessment*, *34*(6), 558-569.

Grassie, H. L.°, Kennedy, S. M.°, Halliday, E. R.°, **Bainter, S. A.**, Ehrenreich-May, J. (2022). Symptom-level networks of youth- and parent-reported depression and anxiety in a transdiagnostic sample. *Depression & Anxiety, 39*(3), 211-219.

Harkness, A., Lozano, A. °, **Bainter, S.A.**, Mayo, D., Rogers, B. G., Prado, G., & Safren, S.A. (In Press). Engaging Latino sexual minority men in PrEP and Behavioral Health Care: Barriers, Faciliators, and Potential Implementation Strategies. *Journal of Behavioral Medicine.*

Lee, J. S. °, **Bainter, S. A.**, Tsai, A. C., Andersen, L. S., Stanton, A. M., Magidson, J. F., Kagee, A., Joska, J. A., O'Cleirigh, C., & Safren, S. A. (Under Review). Intersecting relationships of psychosocial and structural syndemic problems among people with HIV in South Africa: Using network analysis to identify influential problems. *AIDS and Behavior.*

Perez-Stable, E. J., Bayly, J. E., Panigrahi, A, Rodriquez, E. J., Gallo, L. C., Perreira, K. M., Talavera, G. M., Estrella, M. L., Daviglus, M. L., Castaneda, S. F., **Bainter, S. A.**, Chambers, E. C., Savin, K. L., & Loop, M. (2022). Perceived neighborhood factors, health behaviors, and related outcomes in the Hispanic Community Health Study/Study of Latinos. *Preventive Medicine.*

Harkness, A., **Bainter, S.A.**, Mendez, N.A., Hernandez, D.A., O'Cleirigh, C., Mimiaga, M.J., Mayer, K.H., & , Safren, S.A. (2021). Factors associated with barriers to engagement in HIV-prevention care among sexual minority men. *Journal of Behavioral Medicine*, *44*(6), 784-793.

Safren, S., O'Cleirigh, C., Andersen, L., Magidson, J., Lee, J., **Bainter, S.**, Musinguzi, N., Simoni, J., Kagee, A. & Joska, J. (2021). Treating depression and improving adherence in HIV care with task-shared cognitive behavioral therapy in Khayelitsha, South Africa: A randomized controlled trial. *Journal of the International Aids Society, 24,* e25823.

Goodman, Z. T.°, **Bainter, S. A.,** Kornfeld, S., Chang, C., Nomi, J. S., & Uddin, L. Q. (2021). Whole-brain functional dynamics track depressive symptoms severity. *Cerebral Cortex*, 2021(00), 1-10.

Goodman, Z. T.°, Llabre, M. M., Gonzalez, H. M., Perera, M. J., Gallo, L. C., Vasquez, P. M., Lamar, M., Lopez-Cevallos, D. F., Medina, L. D., Tarraf, W., Perreira, K. M., Zeng, D., & **Bainter, S. A.** (2021).

Testing measurement equivalence of neurocognitive assessments across language in the Hispanic Community Health Study/Study of Latinos. *Neuropsychology, 35*(4), 423-433.

Ream, M.°, Pester, M. °, Goodman, Z**. °, Bainter, S.**, & Antoni, M. (2021). Elucidating mechanisms of quality of life disparities in Hispanic women with breast cancer: an examination of disease stage, coping, and affect. *Psycho-Oncology, 30*(4), 623-631,

Satyanarayana, S.°, Safren, S. Rogers, B., **Bainter, S.**, Christopoulos, K., Fredricksen, R., Mathews, W., Moore, R., Mugavero, M., Napravnik, S., Carrico, A., Mimiaga, M., Mayer, K., Crane, H. (2021). Longitudinal associations of syndemic conditions with antiretroviral therapy (ART) adherence and HIV viral suppression among HIV-infected patients in primary care. *AIDS Patient Care and STDs, 35*(6), 220-230.

Satyanarayana, S.°, Safren, S. Rogers, B., **Bainter, S.**, Christopoulos, K., Fredricksen, R., Mathews, W., Moore, R., Mugavero, M., Napravnik, S., Carrico, A., Mimiaga, M., Mayer, K., Crane, H. (2021). Estimating HIV transmissions in a large U.S. clinic-based sample: Effects of time and syndemic conditions. *Journal of the International AIDS Society,* 24:e25679.

Bainter, S. A., McCauley, T. G., Tor, W., & Losin, E. R. (2020). Improving Practices for Selecting a Subset of Important Predictors in Psychology: An Application to Predicting Pain. *Advances in Methods and Practices in Psychological Science, 3*(1), 56-80.

Bainter, S. A., Tibbe, T. D., Goodman, Z. T., & Poole, D. A. (2020). Child eyewitness researchers often bin age: prevalence of the practice and recommendations for analyzing developmental trends. *Law and Human Behavior, 44*(4), 327-335.

Lee, J. S.°, Safren, S. A., **Bainter, S. A.,** Rodriguez-Diaz, C. E., Horvath, K. J., & Blashill, A. J. (2020). Examining a syndemics network among young Latino men who have sex with men. *International Journal of Behavioral Medicine. 27*(1), 39-51.

Lee, J. S.°, **Bainter, S. A.,** Carrico, A. W., Glynn, T. R., Rogers, B.G., Albright, C., O'Cleirigh, C., Mayer, K. H., & Safren, S. A. (2020). Connecting the dots: a comparison of network analysis and exploratory factor analysis to examine psychosocial syndemic indicators among HIV-negative sexual minority men. *Journal of Behavioral Medicine. 43*(6), 1026-1040.

Rogers, B. G.°, **Bainter, S. A.**, Smith-Alvarez, R., Wohlgemuth, W. K., Antoni, M. H., Rodriguez, A. E., Safren, S. A. (2020). Insomnia, health, and health-related quality of life in an urban clinic sample of people living with HIV/AIDS. *Behavioral Sleep Medicine, 19*(4), 516-532.

Rogers, B. G.°, Glynn, T. R.°, **Bainter, S. A.**, McCauley, T. G., Antoni, M. H., & Safren, S. A. (2020). Syndemics and salivary inflammation in people living with HIV/AIDS. *Psychology and Health*, *36*(4), 496-510.

Safren, S. A., Harkness, A., Lee, J., Rogers, B., Mendez, N., Magidson, J. F., Blashill, A. J., **Bainter, S. A.**, Rodriguez, A., & Ironson, G. (2020). Addressing syndemics and self-care in individuals with uncontrolled HIV: An open trial of transdiagnostic treatment. *AIDS and Behavior (24)*, 3264-3278.

Timpano, K., **Bainter, S. A.**, Goodman, Z., Tolin, D., Steketee, G., & Frost, R. (2020). A network analysis of hoarding symptoms, saving and acquiring motives, and comorbidity. *Journal of Obsessive Compulsive and Related Disorders*, 25:100520.

Xue, X., Qi., Q, Sotres-Alvarez, D., Roesch, S. C., Llabre, M. M., **Bainter, S. A.**, Mossavar-Rahmani, Y., Kaplan, R. & Wang, T. (2020). Modeling daily and weekly moderate and vigorous physical activity using a zero-inflated mixture Poisson distribution. *Statistics in Medicine, 39* (30), 4687-4703.

Bolt, T.°, Nomi, J. S., **Bainter, S. A.**, Cole, M. W., Uddin, L. Q. (2019). The situation or the person? Individual and task-condition differences in task-evoked activity. *Human Brain Mapping, 40*, 2943-2950.

Brown-Ianuzzi, J.L., Golding, J.M., Gervais, W. M., Lynch, K.R., Wasarhaley, N. E., & **Bainter, S.A.** (2019). Will jurors believe non-believers? Perception of atheist rape victims in the courtroom. *Psychology of Religion and Spirituality*.

Harkness, A.°, **Bainter, S.A.**, O'Cleirigh, C, Albright, B.S., Mayer, K.H., & , Safren, S.A. (2019). Longitudinal effects of psychosocial syndemics on HIV-positive sexual minority men's sexual health behaviors. *Archives of Sexual Behavior, 48*(4), 1159-1170.

Bainter, S. A. & Forster, D. E. (2018). The impact of moderate priors for Bayesian estimation and testing of item factor analysis models when maximum likelihood is unsuitable. *Structural Equation Modeling: A Multidisciplinary Journal, 26*(1), 80-93.

Harkness, A.°, **Bainter, S.A.**, O'Cleirigh, C, Mendez, N.A., Mayer, K.H., &, Safren, S.A. (2018). Longitudinal Effects of Syndemics on ART Non-adherence among sexual minority men. *AIDS and Behavior, 22*(8), 2564-2574.

Rogers, B.G.°, Lee, J.S.°, **Bainter, S.A.**, Bedoya, C.A., Pinkston, M., & Safren, S. A. et al. (2018). A multilevel examination of sleep, depression, and quality of life in people living with HIV/AIDS. *Journal of Health Psychology, 25*.(10-11)

Bainter, S.A. (2017). Bayesian estimation for item factor analysis models with sparse categorical indicators. *Multivariate Behavioral Research, 52*(5), 593-615.

Bainter, S.A., & Howard, A.L. (2016). Comparing within-person effects from multivariate longitudinal models. *Developmental Psychology, 52*(12), 1955-1968.

Bainter, S.A. (2015). Advantages of a Bayesian approach for examining class structure in finite mixture models [Abstract]. *Multivariate Behavioral Research, 50*(1), 127.

Bainter, S.A. & Bollen, K.A. (2015). Moving forward in the debate on causal indicators: rejoinder to comments. *Measurement: Interdisciplinary Research and Perspectives, 13*(1), 63-74.

Tracy, E.C., **Bainter, S.A.**, & Satariano, B.S. (2015). Judgments of self-identified gay and heterosexual male speakers: Which phonemes are most salient in determining sexual orientation? *Journal of Phonetics, 52*, 13-25.

Bainter, S.A. & Bollen, K.A. (2014). Interpretational confounding or confounded interpretations of causal indicators? *Measurement: Interdisciplinary Research and Perspectives, 12*(4), 125-140.

Bainter, S.A., & Curran, P.J. (2014). The promise of integrative data analysis for developmental science. *Journal of Cognition and Development, 16*, 1-10.

Curran, P.J., Howard, A.L., **Bainter, S.A.**, Lane, S., Burfeind, C., & McGinley, J. (2014). The separation of between-person and within-person components of individual change over time: a latent curve model with structured residuals. *Journal of Consulting and Clinical Psychology, 82*(5), 879-894.

Morgan-Lopez, A.A., Saavedra, L.M., Hien, D.A., Campbell, A.N., Wu, E., Ruglass, L., Patock-Peckham, J.A. & **Bainter, S.A.** (2014). Indirect effects of seeking safety on substance use outcomes: Overall and attendance class-specific effects. *The American Journal on Addictions, 23*(3), 218-225.

Bainter, S. A., McCauley, T. G., Fahmy, M., & Attali, D. (2022). SSVS: Functions for Stochastic Search Variable Selection (SSVS) [R package]. https://CRAN.R-project.org/package=SSVS

Bainter, S. A. & McCauley, T. G. (2019). Stochastic Search Variable Selection [Online shiny application]. https://ssvsforpsych.shinyapps.io/ssvsforpsych/

Goodman, Z. T., Casline, E., Jensen-Doss, A., Ehrenreich-May, J., & **Bainter, S. A.** (2022). shinyDLRs: A dashboard to facilitate derivation of diagnostic likelihood ratios [Online shiny application]. https://dlrs.shinyapps.io/shinyDLRs/

SCIENTIFIC PRESENTATIONS

Bainter, S. A. (2022, July). *Variable Selection with Missing Data.* Paper presented at the annual meeting of the Psychometric Society, Bologna, Italy.

Bainter, S. A. (2022, April). *Using Bayesian Variable Selection to Identify Key Predictors in Psychology.* Invited talk for Statistics and Measurement seminar series, Department of Psychology, Wake Forest University.

Bainter, S. A. (2022, April). *Using Bayesian Variable Selection to Identify Important Predictors of Mental Health Outcomes.* Invited Methods Seminar, Center for HIV and Research in Mental Health, University of Miami.

Bainter, S. A. (2022, February). *Neural and Psychological Correlates of Post-Traumatic Stress Symptoms in a Normative Adult Sample.* Guest speaker presentation to the Brain Connectivity and Cognition Laboratory, Semel Institute for Neuroscience and Human Behavior, University of California Los Angeles.

Bainter, S. A. (2021, February). *Using Bayesian Variable Selection to Identify Key Predictors in Psychology.* Invited talk for the ASU Quant Speaker Series, Department of Psychology, Arizona State University.

Bainter, S. A., Goodman, Z. T., Stamatis, C. A., & Timpano, K. R. (2020, November). Applying Stochastic Search Variable Selection to identify key predictors of psychological functioning in the wake of Hurricane Irma. In C. Stamatis (Chair), *Bayesian Approaches to Modeling Psychiatric Vulnerability and Treatment Mechanisms.* Symposium presented at the Association for Behavioral and Cognitive Therapies (ABCT) 54th Annual Convention.

Bainter, S. A. (2020, October). *Harnessing variable selection methods for psychology.* Invited seminar given to the Quantitative Psychology Division, Department of Psychological Sciences, University of Missouri.

Bainter, S. A., Goodman, Z. T., & McCauley, T. G. (2020, July). *SSVSforPsych: An online tool for performing Stochastic Search Variable Selection.* Paper presented at the annual meeting of the Psychometric Society.

Bainter, S. A., & McCauley, T. G. (2019, July). *Evaluating Stochastic Search Variable Selection for Applications in Psychology.* Paper presented at the annual meeting of the Psychometric Society, Santiago, CL.

Harkness, A., **Bainter, S. A.,** O'Cleirigh, C., Mimiaga, M. J., Mayer, K. H., & Safren, S. A. (2019, Nov). Sexual Orientation Disclosure to One's Provider, Comfort Discussing Sex, and Education Level Predict Medical Care Relevant HIV-Prevention Engagement among High Risk Sexual Minority Men. In C. Beard (Chair), *Identity concealment: Reasons, consequences, and associations with mental and physical health.* Symposium presented at the Association for Behavioral and Cognitive Therapies (ABCT) 53rd Annual Convention, Atlanta, GA.

Satyanarayana, S., Safren, S.A., Rogers, B.G., **Bainter, S.A.,** Christopoulos, K.A., Fredericksen, R.J., Mathews, W.C., Moore, R.D., Mugavero, M.J., Napravnik, S., Mimiaga, M.J., Mayer, K.H., & Crane, H.M. (August 2019). *Syndemic psychosocial problems predict ART adherence and viral load longitudinally among cisgender women*

and cisgender heterosexual men in U.S. HIV clinics. In Golub, S.A. & Petrie, K.J. (Chairs), New Approaches to Understanding and Improving Adherence to HIV Treatment and Prevention. Symposium conducted at the 2019 Convention of the American Psychological Association, Chicago, IL.

Bainter, S.A., McCauley, T. G., & Losin, E. R. (2018, July). *Identifying Relevant Predictors in Messy Psychological Data.* Paper presented at the annual meeting of the Psychometric Society, New York, NY.

Bainter, S.A. (2018, May)**.** Bayesian variable selection to identify important predictors. In B. Magnus (Chair), *Thinking More Critically About Item, Measure, and Model Selection: The Role of Quantitative Methods Throughout the Entire Research Process.* Symposium conducted at the annual meeting of the Association for Psychological Science, San Francisco, CA.

Bainter, S.A. & Forster, D. (2017, July). *The Impact of Moderate Priors on Ability to Detect Model Misfit.* Paper presented at the annual meeting of the Psychometric Society, Zurich, CH.

Bainter, S.A. (2017, May)**.** Bayesian psychometric modeling of rare behaviors in limited samples: application to suicide ideation. In S. A. Bainter (Chair), *Psychometric Approaches to Address Challenges in Psychological Science.* Symposium conducted at the annual meeting of the Association for Psychological Science, Boston, MA.

Bainter, S.A. (2016, November). Estimation Approaches for *Modeling Behaviors and Symptoms with Low Endorsement.* Invited seminar given to the Division of Biostatistics, Department of Public Health Sciences, University of Miami.

Bainter, S.A. (2016, July). *Estimation Approaches for Modeling Categorical Indicators with Low Endorsement.* Paper presented at the annual meeting of the Psychometric Society, Ashville, NC.

Curran, P.J., **Bainter, S.A.**, Hussong, A.M., Bauer, D.J., & Howard, A.L**.** (2013, October). *A non-linear bifactor model of polysubstance use.* Paper presented at the annual meeting of the Society for Multivariate Experimental Psychology, Orlando, FL.

POSTER PRESENTATIONS

Bainter, S.A., Kupis, L.B., Goodman, Z.T., Uddin, L.Q. & Timpano, K. R. (2022, June)**.** Neural and Psychological Correlates of Post Traumatic Stress Symptoms in a Normative Adult Sample. Poster presented at the annual meeting of the Organization of Human Brain Mapping, Glasgow, Scottland.

Goodman, Z. T., Casline, E., Jensen-Doss, A., Ehrenreich-May, J., & **Bainter, S. A.** (2020). *Diagnostic likelihood ratios of the SCARED in predicting childhood anxiety disorders.* Presented at the Association for Behavioral and Cognitive Therapies.

Goodman, Z. T., Nomi, J. S., Bolt, T., Uddin, L. Q., & **Bainter, S. A.** (2020). *Modeling brain signal variability as latent variables of neural networks.* Presented at the International Meeting of the Psychometric Society.

Goodman, Z. T., **Bainter, S. A.**, Kornfeld, S., Chang, C., Nomi, J. S., & Uddin, L. Q. (2020). *Dynamic coactivation patterns and depressive symptoms in a normative adult sample.* Presented at the Organization for Human Brain Mapping.

Goodman, Z. T., **Bainter, S. A.**, Bolt, T., Nomi, J. S., & Uddin, L. Q. (2020). *Investigating the relationship between resting-state brain signal variability and dynamic network transitions using structural equation modeling.* Presented at the Organization for Human Brain Mapping.

Bainter, S.A., Stamatis, C.A., Llabre, M. M., & Timpano, K. R. (2019, July). Using Stochastic Search Variable Selection to Identify Key Predictors of Evacuation Response During Hurricane Irma. Poster presented at the annual Joint Statistical Meetings, Denver, CO.

Bainter, S.A., Stamatis, C.A., Llabre, M. M., & Timpano, K. R. (2019, May). Application of Stochastic Search Variable Selection to Modeling Evacuation Ahead of Hurricane Irma. Poster presented at the annual meeting of the Association for Psychological Science, Washington, DC.

Goodman, Z. T., Llabre, M. M., Perera, M., González, H. M., Perreira, K. M., López-Cevallos, D. F., Bainter, S. A. (2019). Testing Measurement Equivalence of Neurocognitive Assessments Across Language in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). Presented at the American Academy of Clinical Neuropsychology (AACN). Student Poster Award.

Losin, E. A. R., Bainter, S. A., Wager, T. D. (2019). A multivariate model of behavioral and neural predictors of pain. Poster presented at annual meeting of Social and Affective Neuroscience Society, Miami, FL.

Satyanarayana, S., Safren, S. A., Rogers, B. G., Bainter, S. A., Christopoulous, K. A., Fredericksen, R. J., Mathews W. C., Moore, R. D., Mugavero, M. J., Napravnik, S., Mimiaga, M., Mayer, K. H., & Crane, H.M. (March, 2019). Syndemic psychosocial problems predict ART adherence, viremia, and transmission risk behavior among MSM in U.S. HIV clinics. Poster presented at the 40th Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, Washington, DC.

Satyanarayana, S., Safren, S. A., Rogers, B. G., Bainter, S., Christopoulous, K. A., Fredericksen, R. J., Mathews W. C., Moore, R. D., Mugavero, M. J., Napravnik, S., Mimiaga, M., Mayer, K. H., & Crane, H. (2018, July). Syndemics predict bio-behavioral HIV sexual transmission risk (TRB) longitudinally in US HIV clinics. Oral poster presentation (#WEPDC0201) at the 22nd International AIDS Conference, Amsterdam, Netherlands.

Satyanarayana, S., Safren, S. A., Rogers, B. G., Bainter, S., Christopoulous, K. A., Fredericksen, R. J., Mathews W. C., Moore, R. D., Mugavero, M. J., Napravnik, S., Mimiaga, M., Mayer, K. H., & Crane, H. (2018, June). Syndemics predict antiretroviral therapy (ART) adherence and viral load longitudinally in US HIV clinics. Poster (#175) presented at the 13th Annual International Association of Providers of AIDS Care, Miami, FL.

Lee, J. S., Bainter, S., Glynn, T. R., Rogers, B. G, O'Cleirigh C., Mayer, K. H., & Safren, S. A. (2018, April). *Comparing Network to Exploratory Factor Analysis in Psychosocial Syndemics in High-Risk HIV-Negative Men Who Have Sex with Men*. Poster session presented to the 39th Annual Meeting of Society of Behavioral Medicine. New Orleans, LA.

Harkness, A., Bainter, S.A., O'Cleirigh, C, Albright, C., Mayer, K.H., & Safren, S.A. (2018, April). Longitudinal effects of syndemics on condomless sex with HIV-uninfected partners among sexual minority men living with HIV. Poster session presented at the 39th Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, New Orleans, LA.

Lee, J. S., Bainter, S., Glynn, T. R., Rogers, B. G, O'Cleirigh C., Mayer, K. H., & Safren, S. A. (2017, November). *A Network Analysis of Syndemics in High-Risk HIV-Negative Men Who Have Sex with Men.* Poster presented at the Association for Behavioral and Cognitive Therapies (ABCT) 51st Annual Convention, San Diego, CA.

Harkness, A., Bainter, S.A., O'Cleirigh, C., Albright, C., Mayer, K.H., Safren, S.A. (2017, November). Effect of psychosocial syndemics on transmission risk behavior among sexual minority men living with HIV. Poster session presented at the 51st annual Association for Behavioral and Cognitive Therapies convention, San Diego, CA.

Rogers, B. G., Bainter, S. A., Safren, S. A. (2017, November). *A longitudinal analysis of sleep for persons living with HIV/AIDS in treatment for depression and medication adherence (CBT-AD).* Poster presented at the 51st annual meeting of the Association of Behavioral and Cognitive Therapies, San Diego, CA.

Harkness, A., **Bainter, S.A.**, O'Cleirigh, C., Mendez, N.A., Mayer, K.H., & Safren, S.A. (2017, June). *Longitudinal effects of psychosocial syndemics on ART non-adherence in HIV-positive MSM in care.* Poster presented at the 12th International Conference on HIV Treatment and Prevention Adherence, Miami, FL.

Carucci, D.S., **Bainter, S.,** Clennan, M.K., Alert, M., Chiles, S., Liu, Q., & Saab, P**.** (2017, March). *Parents Misperceive the Weight Status of Girls Who are Overweight or Obese.* Poster presented at the annual meeting of the Society of Behavioral Medicine, San Diego, California.

Bainter, S.A. (2014, October). *Comparison of Bayesian and Maximum Likelihood Approaches to Class Enumeration in Finite Mixture Models.* Poster presented at the annual meeting of the Society for Multivariate Experimental Psychology, Nashville, TN.

Bainter, S.A. (2014, September). *Comparing Bivariate Models of Inter-individual and Intra-individual Change.* Poster presented at the Society for Research in Child Development: Developmental Methodology Meeting, San Diego, CA.

Bainter, S.A. (2012, February). *The Effects of Missing Time-Varying Covariates in Multilevel Models.* Poster presented at the Society for Research in Child Development themed meeting on the topic of Developmental Methodology, Tampa, FL.

Howard, A.L., **Bainter, S.A.**, Burfeind, C., & Curran, P.J. (2011, August). *Assessing the Capacity of Multilevel Models with Time-Varying Covariates to Represent Relational Processes in Development.* Poster presented at the annual meeting of the American Psychological Association, Washington, DC.

TEACHING

Spring 2020, 2021	*Advanced Behavioral Statistics* University of Miami, Undergraduate Level	
Fall 2018, 2019	*Structural Equation Modeling* University of Miami, Graduate Level	
Spring 2017, 2019, 2021	*Faculty Overview of Research & Undergraduate Mentoring* University of Miami, Undergraduate Level	
Spring 2017-2020, 2022, 2024	*Hierarchical Linear Modeling* University of Miami, Graduate Level	
Fall 2016, 2018, 2019, 2023	*Design & Analysis* University of Miami, Graduate Level	
Fall 2012	Teaching Assistant, Statistical Methods in Psychology I University of North Carolina at Chapel Hill Supervisor: John Sideris, Ph.D.	

WORKSHOPS

Summer Institute for Biostatistics and Data Science, Florida Atlantic University, *Variable Selection Methods to Identify Key Predictors of Psychological and Health Outcomes*, Summer 2022, 2023, 2024

Psychology Graduate Student Association, *Missing Data*, Fall 2021

Psychology Graduate Student Association, *Data Visualization,* Spring 2018

Psychology Graduate Student Association, *Intro to R*, Spring 2017

Invited workshop at the annual meeting of the Association for Psychological Science, Bauer, D. J., & Bainter, S.A. *Harmonizing Classification Variables in Integrative Data Analysis*, May 2012

GRADUATE STUDENT MENTORSHIP

Active Masters Committees:
Denise Chungzho | Member (Chair: Amy Weisman)

Active Dissertation Committees:
Kaitlyn Dillon | Member (Chair: Roger McIntosh)
Stephanie Novotny | Member (Chair: Jennifer Britton)
Elliott Weinstein | Member (Chair: Steven Safren)
Hannah Grassie | Member (Chair: Jill Ehrenreich-May)

Masters Committees:
Cody Boland | Member (Chair: Frank Penedo), May 2021
Satyanand Satyanarayana | Member (Chair: Steven Safren), Nov 2019
Lara Baez | Member (Chair: Aaron Heller), Aug 2019
Daniella Carucci | Member (Chair: Patrice Saab), Nov 2018
Zabin Patel | Member (Chair: Amanda Jensen-Doss), July 2018
Jasper Lee | Member (Chair: Steven Safren), May 2018

Dissertation Committees:
Zachary Goodman | Chair, June 2024
Emily Walsh | Member (Chair: Frank Penedo), May 2024
Jenna Futterer | Member (Chair: Rebecca Shearer), June 2023
Regina Fasano | Member (Chair: Lynn Perry), June 2023
Liz Casline | Member (Chair: Mandy Jensen-Doss), May 2023
Satyanand Satyanarayana | Member (Chair: Steven Safren), May 2023
Molly Pester | Member (Chair: Barry Hurwitz), April 2023
Lara Baez | Member (Chair: Aaron Heller), April 2023
Stephen Hatch | Member (Chair: Brian Doss), Sept 2022
Jasper Lee | Member (Chair: Steven Safren), May 2022
Tiffany Glynn | Member (Chair: Steven Safren), May 2022
Brittany Jaso | Member (Chair: Aaron Heller), May 2021
Caitlin Stamatis | Member (Chair: Kiara Timpano), July 2020
Mary Kate Clennan | Member (Chair: Patrice Saab), May 2020
Karen Rothman | Member (Chair: Brian Doss), April 2020
Emily Prince | Member (Chair: Daniel Messinger), June 2019
Johayra Bouza | Member (Chair: Rebecca Shearer), July 2019
Danny Forster | Member (Chair: Michael McCullough), March 2018
Brooke Genkin | Member (Chair: Steven Safren), April 2018
Julia Carbonella | Member (Chair: Kiara Timpano), Sept 2017

AD HOC REVIEWING

Addictive Behaviors

Behavior Research Methods
Child Development Perspectives
Decision Sciences
Frontiers in Psychology
Journal of Abnormal Psychology
Journal of Mental Health
Journal of Modern Applied Statistical Methods
Methodology
Multivariate Behavioral Research
Psychology of Addictive Behaviors
Psychometrika
SpringerPlus
Social Psychological and Personality Science
Structural Equation Modeling: A Multidisciplinary Journal

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

2020-present	Communications Committee member, Psychometric Society
2019-present	Empower Me First, faculty mentor
2015-present	Psychometric Society, member
2016-present	Association for Psychological Science, member