

Mariya P. Shiyko, PhD

ACADEMIC EDUCATION

- 2009 Ph.D. Quantitative Methods in Educational and Psychological Research, The Graduate Center, City University of New York. Advisor: *David Rindskopf*
Dissertation: *Analyzing Ecological Momentary Assessment Data using Growth Mixture Modeling*
- 2008 M.Phil. Quantitative Methods in Educational and Psychological Research, The Graduate Center, City University of New York. Advisor: *David Rindskopf*
Thesis: *Multiple Imputation: Validation of Admission Prerequisites in a Doctor of Physical Therapy Program*
- 2002 M.A. Pedagogy of History and Law, Smolensk State University, Smolensk, Russia. Advisor: *Isaak Rabinovich*
Thesis: *Historical, Religious & Political Roots of the Modern Israeli-Russian Relationship.*
- 2002 B.A. Pedagogy of History and Law, Smolensk State University, Smolensk, Russia
- 1997 Pedagogical Lyceum, Smolensk, Russia

NON-ACADEMIC EDUCATION

- 2016 - current Delphi University, Patricia Hayes School of Healing & Mataphysics. Mataphysician practitioner program. Complimentary and cooperative medical therapies & transpersonal healing.
McCaysville, GA.
- 2016 Certified Medium, Delphi University, Patricia Hayes School of Healing & Mataphysics.
McCaysville, GA.
- 2016 Certified Spiritual Coach, Delphi University, Patricia Hayes School of Healing & Mataphysics.
McCaysville, GA.
- 2014 Teacher Training in Yoga, Contemplative Practices, and Body Work with Tias & Surya Little,
Cambridge, MA
- 2014 Reiki certification, level 1
- 2012 Lila Yoga/RYTT Training (200, 500+ hours), Lila Yoga Studios, State College, PA
- 2012 Training in Classical Yoga, Meditation, & Philosophy, Krishnamacharya Yoga Mandiram,
Chennai, India
- 1996 Classical Music School (piano), Smolensk, Russia
- 1992 Classical ballet.

AWARDS AND HONORS

- 2016 Kenerson Faculty Scholarship Award for innovative and outstanding teaching practice and impact on public health through teaching practice and scholarship, Northeastern University, Boston, MA
- 2013 Early-Career Investigator Award, National Institute of Drug Abuse (NIDA, NIH) at the International Conference on Global Health: Prevention and Treatment of Substance Abuse and HIV
- 2012 Travel Award to the Society of Research on Nicotine & Tobacco, National Cancer Institute (NCI, NIH)
- 2009 Pre-doctoral Catherine Low Award of excellence, Memorial Sloan Kettering Cancer Center
- 2009 Citation Award for outstanding paper: Society of Behavioral Medicine, Montreal, Quebec, Canada
- 2008–2009 Sponsored Dissertation Fellowship, The Graduate Center, City University of New York
- 2007 Honorable Mention, *Journal of School Psychology* Article of the Year 2007
- 2004 - 2009 Chancellor's Fellow, The Graduate Center, City University of New York
- 2006 - 2007 Leonard Kogan's Fellow, The Graduate Center, City University of New York
- 2002 M.A. in Pedagogy of History & Law, received with highest academic honors (cum laude)
- 2002 B.A. in Pedagogy of History & Law, received with highest academic honors (cum laude)
- 1997 Pedagogical Lyceum, received with highest academic honors (cum laude)

EMPLOYMENT

CURRENT ACADEMIC APPOINTMENTS

- 2011 - present **Assistant Professor**, Department of Counseling & Applied Educational Psychology, Bouvé College of Health Sciences, Northeastern University, Boston, MA
- 2011 - present **Affiliated Faculty**, Doctoral Program in Personal Health Informatics, Northeastern University, Boston, MA
- 2011 - present **Faculty Scholar**, Institute on Urban Health Research, Northeastern University, Boston, MA

PREVIOUS ACADEMIC EXPERIENCE

- 2005 - 2014 **Statistical Consultant** for doctoral dissertations for Graduate Center, CUNY; Adelphi University; Fordham University; Pennsylvania State University
- 2010 - 2011 **Affiliated Researcher**, StudioLab, The Pennsylvania State University, State College, PA
- 2009 – 2011 **Research Associate**, The Methodology Center, The Pennsylvania State University, State College, PA
- 2007 - 2009 **Pre-doctoral Research Fellow**, Department of Psychiatry and Behavioral Sciences, Memorial Sloan Kettering Cancer Center, Sloan Kettering Institute, New York, NY
- 2006 - 2007 **Pre-doctoral Research Fellow**, Research Department, College Entrance Examination Board, New York, NY
- 2005 - 2007 **Graduate Research Assistant**, Department of Educational Psychology, Graduate Center, City University of New York, New York, NY
- 2003 - 2004 **Volunteer Research Assistant**, Motion Analysis Lab, Hospital of Joint Diseases, New York, NY

NON-ACADEMIC EXPERIENCE

- 2016 - present **School of Mindful Play**, founder
- 2016 - present **Medium & Healer**, self-employed
- 2011 - present **Yoga & Meditation Teacher**, self-employed. Worked in Australia, New Zealand, Russia & USA

SCHOLARSHIP & RESEARCH

Publications in Refereed Journal

*Relevant Statistics: h index – 9, citations – 368. Note: Student co-authors marked with **

1. Campo, M., **Shiyko, M.P.**, Kean, M. B.,* Roberts, L.,* & Pappas, E. (in press). Musculoskeletal Pain Caused by Recreational Yoga: A Longitudinal Study. *Injury*.
2. **Shiyko, M.P.**, Hallinan, S*., & Naito, T.* (2017). Effects of Mindfulness Training on Post-Traumatic Growth: A Systematic Review and Meta-Analysis. *Mindfulness*.
3. **Shiyko, M.P.**, Perkins, S.* & Caldwell, L. (2017). Feasibility and Adherence Paradigm to Ecological Momentary Assessments in Urban Minority Youth. *Psychological Assessment*.
4. Campo, M., Cardinale, J., Lucas Findly, J., Eckardt, P., & **Shiyko, M.P.** (2017). A Practical Guide to Teaching Measures of Effect Size in Physical Therapist Education. *Journal of Physical Therapy Education*.
5. **Shiyko, M.P.**, Hallinan, S.* Seif El-Nasr, M., Durga, S*., & Sceppa, C. (2016). Effects of Playing a Serious Computer Game on Body Mass Index & Nutrition Knowledge in Women. *Journal of Medical Internet Research – Serious Games*, 4(1) DOI: 10.2196/games.4977.
6. Cox, C*., Hoffman, J., **Shiyko, M.**, & Wirth, C. (2016). Using text messages to promote engagement in a subsidized community supported agriculture program for Head Start families. *Journal of Hunger & Environmental Nutrition*, 11(2), 280-291. DOI: 10.1080/19320248.2015.1095141.
7. Pappas, E., **Shiyko, M.P.**, Ford, K.R., Myer, G.D., Hewett, T.E. (2016). Biomechanical deficit profiles associated with ACL injuries. *Medicine & Science in Sports & Exercise*, 48(1), 107-113.
8. Rodgers, R. F., Franko, D.L., **Shiyko, M.P.**, Intille, S., Wilson, K*., O’Carroll, D*., Lovering, M*., Matsumoto, A*., Iannuccilli, A*., Luk, S*., & Shoemaker, H*. (2016). Exploring healthy eating among ethnic minority students using mobile technology: Feasibility and adherence. *Health Informatics Journal*, 22(3), 440-450.

9. Huh, J., **Shiyko, M.P.**, Keller, K., Dunton, G., & Schembre, S.M. (2015). The time-varying association between perceived stress and hunger within and between days. *Obesity*, 89, 145-151.
10. Seif El-Nasr, M., Durga, S., **Shiyko, M.**, and Sceppa, C. (2015). Data-Driven Retrospective Interviewing (DDRi): A proposed methodology for formative evaluation of pervasive games. *Entertainment Computing*, 11, 1-19.
11. Dziak, J., Li, R., Tan, X., Shiffman, S., & **Shiyko, M. P.** (2015). Modeling intensive longitudinal data with mixtures of nonparametric trajectories and time-varying effects. *Psychological Methods*, 20(4), 444-469.
12. **Shiyko, M.P.**, Burkhalter, J., Li, R., & Park, B. J. (2014). Modeling nonlinear time-dependent treatment effects: An application of the generalized time-varying effects model (TVEM). *Journal of Consulting and Clinical Psychology*, 82(5), 760-772, doi: 10.1037/a0035267.
13. **Shiyko, M.P.**, Naab, P*, Shiffman, S., & Li, R. (2014). Modeling Complexity of EMA Data: Time-Varying Lagged Effects of Negative Affect on Smoking Urges for Subgroups of Nicotine Addiction. *Nicotine and Tobacco Research*, S2, S144-150
14. DeRose, L. M., **Shiyko, M.P.**, Levey, S*, Hastings, P., & Helm, J. (2014). Early Maternal Depression and Social Skills in Adolescence: A Marginal Structural Modeling Approach. *Social Development*, 23(4), 753-769.
15. Darragh, A., **Shiyko, M.**, Campo, M., & Margulis, H. (2014). Effects of a safe patient handling and mobility program on patient self-care outcomes. *American Journal of Occupational Therapy*, 68(5), 589-596.
16. Ostroff, J. S., Burkhalter, J., Cinciripini, P., Li, Y., **Shiyko, M. P.**, Lam, C., Hay, J., Dhingra, L., Holland, S., & Manna, R. (2014). Randomized trial of a pre-surgical scheduled reduced smoking intervention for newly diagnosed with cancer. *Health Psychology*, 33(7), 737-747.
17. Durga, S.,* Seif El-Nasr, M., **Shiyko, M.**, Sceppa, C., Naab, P,* & Andres, A. (2013). Leveraging Social Play in Health-Based Games to Promote Sustained Behavior Change in Healthy Eating and Exercise. *DIGRA, peer-reviewed conference proceedings*.
18. Campo, M., **Shiyko, M.**, Margulis, H., & Darragh, A. (2013). Effect of a safe patient handling program on rehabilitation outcomes. *Archives of Physical Medicine and Rehabilitation*, 94, 17-22.
19. **Shiyko, M. P.**, Li, Y., & Rindskopf, D. (2012). Poisson growth mixture modeling of intensive longitudinal data: An application to smoking cessation behavior. *Structural Equation Modeling*, 1, 65-85
20. **Shiyko, M. P.**, Lanza, S., Tan, X., Li, R., & Shiffman, S. (2012). Using the time-varying effects model (TVEM) to examine dynamic associations between negative affect and self confidence on smoking urges: Differences between successful quitters and relapsers. *Prevention Science*, 13(3), 288-299. DOI: 10.1007/s11121-011-0264-z
21. Tan, X., **Shiyko, M. P.**, Li, R., Li, Y., Dierker, L. (2012). A time-varying effect model for intensive longitudinal data.. *Psychological Methods*, 17 (1), 61-77.
22. **Shiyko, M. P.**, & Ram, N. (2011). Conceptualizing and estimating process speed in studies employing ecological momentary assessment designs: A multilevel variance decomposition approach. *Multivariate Behavioral Research*, 46, 875-899.
23. DeRose, L. M., **Shiyko, M.P.**, Foster, H., & Brooks-Gunn, J. (2011). Associations between menarcheal timing and behavioral developmental trajectories for girls from age 6 to age 15. *Journal of Youth and Adolescence*. 40, 1329-1342.
24. Campo, M., **Shiyko, M.**, & Lichtman, S.W. (2010). Sensitivity and specificity: A review of related statistics and current controversies in physical therapist education. *Journal of Physical Therapy Education*, 24(3), 69-78.
25. DuBois, J. M., Boylan, L.S., **Shiyko, M.**, Barr, W.B., Devinsky, O. (2010). Seizure prediction and awareness. *Epilepsy & Behavior*, 18, 106-109.
26. Kert, A. S., Coddling, R. S., Tryon, G. S., & **Shiyko, M.** (2010). Impact of the word “bully” on the reported rate of bullying behavior. *Psychology in the Schools*, 47(2), 193 – 204.
27. **Shiyko, M.**, & Pappas, E. (2009). Validation of preadmission requirements in a doctor of physical therapy program with a large representation of minority students. *Journal of Physical Therapy Education*, 23(3), 29-36.
28. Coddling, R. S., **Shiyko, M.**, Russo, M., Birch, S., Fanning, E., & Jaspens, D. (2007). Comparing mathematics interventions: Does initial level of fluency predict intervention effectiveness? *Journal of School Psychology*, 45(6), 603-617.
29. Coddling, R.S., Eckert, T. L., Fanning, E., **Shiyko, M.**, & Solomon, E. (2007). Comparing mathematics interventions: The effects of cover-copy-compare alone and combined with performance feedback on digits correct and incorrect. *Journal of Behavioral Education*, 16 (2), 125-141.

Manuscripts under Review

1. **Shiyko, M.P.**, Siembor, B.,* Greene, P.B., Smyth, J., & Burkhalter, J.E. Intra-Individual Study of Mindfulness: Ecological Momentary Perspective in Post-Surgical Lung Cancer Patients. *Journal of Behavioral Medicine*.

2. **Shiyko, M.P.**, Gittins Stone, D.,* Shulman, H.,* Conducy, A.,* Hallinan, S., * & Spruijt-Metz, D. Weight-Management Mobile Apps for Children and Adolescents: A Theory-Based Content Analysis. *Pediatric Obesity*.
3. Lee, C.S., **Shiyko, M.P.**, Alabiso, J., Tavares, T., Goldman, L., Walden, R., & Simpson, D. Predictors of patient satisfaction with community-based integrated behavioral health care among Spanish and non-Spanish speaking patients. *Journal of Clinical Psychology in Medical Settings*.
4. Li, Y., Lord-Bessen, J., **Shiyko, M.**, & Loeb, R. Bayesian Latent Class Analysis Tutorial. *Psychological Methods*.
5. Cox, C*., Hoffman, J., **Shiyko, M.**, Briesch, A., & Sceppa, C. The Relationship between Head Start Teachers' Attitudes about Physical Activity Promotion and Physical Activity Programming in the Classroom. *Childhood Obesity*.
6. Schmidt, E*., Hoffman, J., & **Shiyko, M. P.** The Impact of Farm to Family, A Subsidized Community Supported Agriculture Program, on Young Children's Fruit and Vegetable Consumption. *Journal of School Health*

Book Chapters

1. Ram, N., **Shiyko, M. P.**, Lunkenheimer, E. S., Doerksen, S., & Conroy, D. (2014). Families as Coordinated Symbiotic Systems: Making use of Nonlinear Dynamic Models. A book chapter for *Emerging Methods in Family Research*. McHale S. M., Amato, P., & Booth, A. (Eds.), v.4, 19-37.
2. Durga, S*., Seif El-Nasr, M., **Shiyko, M.P.**, Sceppa, C., Naab, P.*, & Anders, L. (2013). Leveraging Play to Promote Health Behavior Change — A Player Acceptance Study of a Health Game. A book chapter for *Virtual, Augmented Reality and Serious Games for Healthcare I*. Ma, M., Jain, L., & Anderson, P. (Eds.)
3. Grimm, K. J., Ram, N., **Shiyko, M. P.**, & Lo, L. L. (2013). A Simulation Study of the Ability of Growth Mixture Models to Uncover Growth Heterogeneity. A book chapter for *Contemporary Issues in Exploratory Data Mining in the Behavioral Sciences (a volume in the Quantitative Methodology Series)*. McArdle, J. & Ritschard G. (Eds.), (pp. 172-189)
4. **Shiyko, M. P.**, Ram, N., & Grimm, K. J. (2012). An Overview of Growth Mixture Modeling: A Simple Nonlinear Application in OpenMx. A book chapter for *Handbook of Structural Equation Modeling*. Hoyle, R. H. (Ed.)
5. Rindskopf, D., & **Shiyko, M.** (2010). Measures of Dispersion, Skewness, and Kurtosis. In McGaw, B., Baker, E., & Peterson, P. P. (Eds). *International Encyclopedia of Education*, 3rd Ed. Oxford: Elsevier.

International Presentations

1. Campo, M., **Shiyko, M. P.**, Kean, M., Roberts, L., & Pappas, E. (2017). *Pain Caused by Recreational Yoga Participation: A Prospective Cohort Study*. American Physical Therapy Association, San Antonio, TX.
2. **Shiyko, M. P.** (2016). *Modeling Heterogeneity and Non-Linearity in Longitudinal Physiological and Self-Report Stress Data*. Symposium Chair. Developmental Methods, Whitefish, MT.
3. **Shiyko, M. P.** & Zhou, S.* (2016). *Modeling Daily Stress, Anxiety and Mindfulness Data with Time-Varying Effects Model*. Developmental Methods, Whitefish, MT.
4. **Shiyko, M.P.** (2016). *New Insights to Prevention Sciences from Intensive Longitudinal Data*. Symposium discussant. Society for Prevention Research, San Francisco, CA.
5. **Shiyko, M.P.** (2016). *A Within-Person Study of Daily Experiences During the 8-week Mindfulness Training*. International Conference on Mindfulness, Rome, Italy.
6. Schmidt, E*., Hoffman, J., & **Shiyko, M. P.** *The Impact of Farm to Family on Children's Fruit and Vegetable Consumption*. The Administration for Children and Families' (ACF) National Research Conference on Early Childhood, Washington, DC.
7. **Shiyko, M.P.** (2015). *Modern Methods for Analysis of Intensive Longitudinal Data*. Symposium chair. Association of Psychological Sciences, New York, NY.
8. **Shiyko, M.P.**, & Dziak, J. (2015). *Penalized Functional Regression for Predicting Distal Point Outcomes from Longitudinal Covariates*. Part of the symposium at the Association of Psychological Sciences, New York, NY.
9. **Shiyko, M.P.**, Mohiyeddini, C., Seif El-Nasr, M., & Bauer, C. (2015). *Mindfulness-based emotion-regulation training reduces the frequency, duration and intensity of negative self-talk*. Association of Psychological Sciences, New York, NY.
10. Mohiyeddini, C., **Shiyko, M. P.**, Seif El-Nasr, M., & Bauer, C. (2015). *Mindfulness-based emotion regulation training reduces the affective–autonomic response discrepancy in repressors*. Association of Psychological Sciences, New York, NY.
11. Hallinan, S*., **Shiyko, M. P.**, Seif El-Nasr, M., Durga, S., & Sceppa, C. (2015). *Impact of a Weight-Loss Computer Game on Behavioral and Psychological Outcomes*. Association of Psychological Sciences, New York, NY.

12. Pappas, E., **Shiyko, M.P.**, Ford, K.R., Myer, G.D., & Hewett, T.E. (2015). *Neuromuscular deficit profiles associated with ACL injury risk in a large cohort of adolescent female athletes*. Australian Physiotherapy Association Conference, Gold Coast, Australia
13. Shulman, H.*, Gittins Stone, D. I*., Conducy, A*., Hallinan, S*., Spruijt Metz, D., & **Shiyko, M. P.** (2015). *Weight-Management Mobile Apps for Children and Adolescents: Theory-Based Content Analysis*. Association of Psychological Sciences, New York, NY.
14. **Shiyko, M.** & Dziak, J. (2014). *Penalized Functional Regression for Predicting Distal Point Outcomes from Longitudinal Covariates*. Society of Research on Child Development. San Diego, CA
15. Pappas, E., **Shiyko, M.P.**, & Campo, M. (2014). *Mindfulness Meditation for Allied Health Clinicians & Students: a Systematic Review*. International Conference on Mindfulness, Education, & Transformation, Wollongong, Australia.
16. **Shiyko, M.**, Dziak, J., Shiffman, S., & Li, R.(2014). *Functional Regression: Prediction of Point Outcomes from Time-Intensive Covariates*. Society of Prevention Research, Washington, DC.
17. **Shiyko, M.**, Dziak, J., Shiffman, S., & Li, R.(2014). *Predicting Point Outcomes from Intensively Sampled Covariates: An Introduction to Functional Regression (FunReg)*. Association of American Psychological Science, San Francisco, CA.
18. **Shiyko, M.**, Burkhalter, J., Green, P. & Smyth, J.M (2014). *Ecological Momentary Assessments of Mindfulness in Post-Surgical Lung Cancer Patients*. Society of Behavioral Medicine, Philadelphia, PA.
19. Osborne, P*., Zemon, V., **Shiyko, M.**, Grossman, B., Chen, J., Portenoy, R., & Dhingra, L. (2014). *Ecological Momentary Assessment of Mood and Smoking Behavior in Chronic Pain Patients*. Society of Behavioral Medicine, Philadelphia, PA.
20. **Shiyko, M.** (2013). *Time-Varying Effects & Varying Coefficients Regression Models: Modern Methods for Analysis of Intensive Longitudinal Data*. Conference on e-Health and m-Health, Sydney, Australia.
21. **Shiyko, M.**, Seif El-Nasr, M., Sceppa, C., Durga, S*., & Naab, P*. (2013). *Using social gaming environment to promote healthy eating and exercising*. PLANET (Physical Activity Network Sydney) Symposium, Sydney, Australia.
22. **Shiyko, M.**, Dziak, J., Shiffman, S., & Li, R. (2013). *Varying-coefficients regression model for analysis of intensive longitudinal data*. Biennial meeting of the International Society of Ambulatory Assessments, Amsterdam, Netherlands.
23. **Shiyko, M.**, Seif El-Nasr, M., Sceppa, C., Durga, S*., & Naab, P*. (2013). *Using social gaming environment to promote healthy eating and exercising*. Biennial meeting of the International Society of Ambulatory Assessments, Amsterdam, Netherlands.
24. Durga, S*., El-Nasr, M.S., **Shiyko, M.**, Sceppa, C., Naab*, P.(2013). *Design of social games for fostering sustained behavior change in healthy eating and exercise*. Poster presentation at the Games, Learning, and Society Conference, Madison, WI.
25. **Shiyko, M.**, Naab, P*., Shiffman, S., & Li, R. (2013). *Modeling Complexity of EMA Data: Time-Varying Lagged Effects of Negative Affect on Smoking Urges for Subgroups of Nicotine Addiction*. Poster presentation at the International Conference on Global Health: Prevention and Treatment of Substance Abuse and HIV, Taipei, Taiwan.
26. DeRose, L., & **Shiyko, M.** (2013). *Does Early Maternal Depression Cause Deficits in Social Skill Development in Adolescence? A Marginal Structural Modeling Approach*. Poster presentation at the Biennial Meeting of the Society of Research for Child Development, Seattle, WA.
27. **Shiyko, M.**, Shiffman, S., & Li, R. (2012). *Group Differences between High & Low Nicotine Dependence: Time-Varying Lagged Predictors of Smoking Urges*. Part of the organized paper symposium on “Uncovering the dynamics of smoking cessation processes: New methodological approaches to analysis of ecological momentary assessment data” at the Annual Meeting of the Society of Prevention Research, Washington, DC.
28. Scott, J., Vasilenko, S. A., **Shiyko, M. S.**, & Caldwell, L. L. (2012). *Why are they bored? Momentary predictors of boredom among minority youth*. In Caldwell, L. L. (Chair). *Promoting physical health through leisure activity and experience*. Presentation at the Annual Meeting of the Society for Prevention Research, Washington, DC.
29. **Shiyko, M.**, Burkhalter, J., Li, R., & Park, B. J. (2012). *Modeling Time-Varying Effects of a Treatment: Applications of the Time-Varying Effect Model (TVEM)*. Presentation at the Modern Modeling Methods conference, Storrs Mansfield, CT.
30. **Shiyko, M.**, Shiffman, S., & Li, R. (2012). *Time-Varying Lagged Effects of Emotional Arousal on Smoking Urges*. Invited poster presentation at the NIH-sponsored pre-conference workshop at the Society for Research on Nicotine and Tobacco: New Methods for Advancing Research on Tobacco Dependence, Houston, TX.

31. **Shiyko, M.**, Ram, N., Li, R., Conroy, D., & Pincus, A. (2012). *Time-Varying Effects Model: Momentary Health and Stress as Moderators of Perception of Social Interactions*. Poster presentation at the Society of Research on Child Development Themed Meeting: Developmental Methodology, Tampa, FL.
32. **Shiyko, M.**, Tan, X., Li, R., & Shiffman, S. (2011). *Time-Varying Effect Model of Intensive Longitudinal Data: An Application to Smoking Cessation Behavior*. Presentation at the Annual Meeting of the Psychometric Society, Hong Kong, China.
33. **Shiyko, M.**, & Ram, N. (2011, June). *Conceptualizing and Estimating Process Speed in Studies Employing Ambulatory Assessments: A Multilevel Variance Decomposition Approach*. Presentation at the Annual Meeting of the Society of Ambulatory Assessments, Ann Arbor, MI.
34. **Shiyko, M.**, Lanza, S., Tan, X., Shiffman, S., & Li, R. (2011, June). *Between-Group Differences in Temporal Dynamics of Negative Affect, Self-Confidence, and Smoking Urges in Short-Term Successful Quitters and Relapsers: Application of the Model with Varying Effects (MOVE)*. Presentation at the Annual Meeting of the Society of Prevention Research, Washington, DC.
35. **Shiyko, M.**, & Dierker, L. (2011, June). *Application of Novel Methods for Analysis of Intensive Longitudinal Data in Studies of Drug Use*. Organized paper symposium at the Annual Meeting of the Society of Prevention Research, Washington, DC.
36. **Shiyko, M.**, Li, R., Lin, J., Burkhalter, J., & Ostroff, J. S. (2011, June). *Joint Modeling of Longitudinal Trajectories and Time-to-Event Analysis in the Presence of Drop-Out*. Poster presentation at the Annual Meeting of the Society of Prevention Research, Washington, DC.
37. Tan, X., **Shiyko, M.**, Li, R., Li, Y., & Dierker, L. (2011, June). *Model with Varying Effects (MOVE) for Estimating Time-Varying Effects of Covariates in Intensive Longitudinal Data Studies: Assessing New Research Questions*. Poster presentation at the Annual Meeting of the Society of Prevention Research, Washington, DC.
38. Burkhalter, J., Li, Y., Case, J., **Shiyko, M.**, Holland, S., Manna, R., & Ostroff, J. (2011, April). *Negative affect patterns in tobacco-dependent cancer patients: Association with abstinence at hospitalization*. Poster presentation at the Annual Meeting of the Society of Behavioral Medicine, Washington, DC.
39. Burkhalter, J.E., Li, Y., McKee, J., **Shiyko, M.**, Holland, S., & Ostroff, J. S. (2011, February). *Does distressed mood reduce the likelihood of smoking cessation in newly diagnosed cancer patients?* Poster presentation at the Annual Meeting of the Society for Research on Nicotine and Tobacco, Toronto, Canada.
40. **Shiyko, M.**, Li, Y., & Rindskopf, D. (2010, July). *Poisson growth mixture modeling of intensive longitudinal data: An application to smoking cessation behavior*. Presentation at the annual meeting of the Psychometric Society, Athens, GA.
41. Li, Y., **Shiyko, M.**, Burkhalter, J.E., Holland, S., Manna, R., Ostroff, J. S. (2010, April). *Using empirical binomial hierarchical Bayesian modeling (EBHBM) to determine whether a behavioral intervention works well for some participant groups but less so for others*. Poster presented at the annual meeting of the Society of Behavioral Medicine, Seattle, WA.
42. DeRose, L. M., **Shiyko, M.P.**, Foster, H. (2010, March). *Trajectories of developmental change in social skills and behavior problems in girls: Effects of early pubertal timing*. Poster presented at the biennial meeting of the Society of Research on Adolescence, Philadelphia, PA.
43. Burkhalter, J., Li, Y., **Shiyko, M.**, Holland, S., Manna, R., & Ostroff, J. (2010, February). *Affect associated with cigarettes smoked during a scheduled reduced smoking cessation intervention in tobacco-dependent cancer patients facing surgical treatment*. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco, Baltimore, MD.
44. **Shiyko, M.**, Ostroff, J., Burkhalter, J., Li, Y., Cinciripini, P., Holland, S., Manna, R. (2009, April). *Adherence to scheduled reduced smoking intervention among newly diagnosed cancer patients*. Presentation at the annual meeting of the Society of Behavioral Medicine, Montreal, Quebec, Canada. Recognized as a Citation Abstract for the Excellent Submission.
45. Ostroff, J., Burkhalter, J., Cinciripini, P., Li, Y., **Shiyko, M.**, & Holland, S., (2009, February). *Short-term effect of a pre-surgical smoking cessation intervention for newly diagnosed cancer patients*. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco, Saggart, Co. Dublin, Ireland.
46. **Shiyko, M.**, Li, Y., Ostroff, J., Burkhalter, J. E. (2008, March). *Predictors of time-to-non-adherence in a scheduled reduced smoking cessation treatment for cancer patients*. Poster presented at the annual meeting of the Society of Behavioral Medicine, San Diego, CA.
47. Burkhalter, J. E., **Shiyko, M.**, Li, Y., Greene, P., Flancbaum, M., Ostroff, J., Park, B. (2008, March). *Momentary assessment of quality of life in post-surgery lung cancer patients*. Presentation at the annual meeting of the Society of

Behavioral Medicine, San Diego, CA.

48. **Shiyko, M.**, Pappas, E. (2008, March). *Validation of admission requirements in a doctor of physical therapy program based on multiple imputation*. Presentation at the annual meeting of the American Educational Research Association, New York, NY.
49. Milewski, G., **Shiyko, M.**, Wyatt, J., Mattern, K., Rindskopf, D., Wiley, A. (2008, March). *Broadening the predictors and criteria of college success*. Symposium at the annual meeting of the American Educational Research Association, New York, NY.
50. Ostroff, J., Burkhalter, J. E., Li, Y., **Shiyko, M.**, Holland, S. (2008, February). *Tobacco treatment adherence in newly diagnosed cancer patients*. Presentation at the annual meeting of the Society for Research on Nicotine and Tobacco, Portland, OR.
51. Greene, P., Burkhalter, J. E., Li, Y., **Shiyko, M.**, Flancabaum, M., Park, B. (2007, November). *Mindfulness and pain in post-surgical rehabilitation in lung cancer*. Poster presented at the annual convention of the Association for Behavioral and Cognitive Therapies, Philadelphia, PA. Awarded the best poster from the Rehabilitation and Neuropsychology SIG.
52. Coddling, R.S., & **Shiyko, M.** (2007, March). *Comparing mathematics interventions: Does initial level of fluency predict intervention effectiveness?* Symposium at the annual conference for the National Association of School Psychologists, New York, NY
53. Schaffer, A., Coddling, R.S., **Shiyko, M.** (2007, March). *Explicit reference to bullying behavior in self-report measures*. Poster presented at the annual conference for the National Association of School Psychologists, New York, NY
54. **Shiyko, M.**, Pappas, E., & Gropack, S. (2007, February). *Preadmission predictors of academic performance in a minority institution doctor of physical therapy program*. Presentation at the Combined Section Meeting of the American Physical Therapy Association, Education section.
55. Coddling, R.S., Fanning, E., **Shiyko, M.**, & Solomon, E. (2006, April). *Improving mathematics fluency: Combining skill and performance based interventions*. Poster presented at the annual conference for the National Association of School Psychologists, Anaheim, CA.

Regional/Local Conferences

1. **Shiyko, M.**, Hallinan, S.*, Ward, P.S.*, & Shulman, H.* (2016). *Pilot Mindfulness Intervention to Reduce Stress & Anxiety in College Students*. Poster presented at Northeastern's Research, Innovation, and Scholarship Expo (RISE) Conference, Boston, MA.
2. **Shiyko, M.**, Blum, H., Nolund, C., & Jurbala, R.* (2016). *Contemplative Pedagogy & Mindfulness Initiative: Does In-Class Brief Meditation Improve Student Academic Experiences & Well-Being*. Poster presented at Northeastern's Research, Innovation, and Scholarship Expo (RISE) Conference, Boston, MA.
3. Ward, P.S.*, & **Shiyko, M.** (March, 2016). *Identifying Stress Unique to College Athletes: Health Outcomes & Interventions*. Poster presented at Northeastern's Research, Innovation, and Scholarship Expo (RISE) Conference, Boston, MA.
4. Cox, C.*, Hoffman, J., **Shiyko, M.**, & Sceppa, C. (March, 2016). *The relationship between head start teachers' attitudes about physical activity promotion and their use of physical activity programming in the classroom*. Poster presented at the conference on Childhood Obesity in the Community: Turning Science into Care, Cambridge, MA.
5. Shulman, H.*, Gittens Stone*, D., Conducy, A*., Hallinan, S.*., Spruijt-Metz, D. & **Shiyko M.** (2015, October). *A theory-based content analysis of iOS weight management apps for children and adolescents*. Poster presented at the Massachusetts Psychological Association (MPA) Annual Conference, Norwood, MA.
6. Conducy, A*., Shulman, H.*, Gittins Stone, D. I*., Hallinan, S*., Spruijt Metz, D., & **Shiyko, M. P.** (2015). *A Theory-Based Content Analysis of iOS Weight Management Apps for Children and Adolescents*. Poster presented at Northeastern's Research, Innovation, and Scholarship Expo (RISE) Conference, Boston, MA.
7. Hallinan, S.*, **Shiyko, M.P.**, Gittins Stone, D. I*., & Mohiyeddini, C. (2015). *Positive Reframing as a Mediator for Religious Coping Predicting Goal Adjustment in Lung-Cancer Patients*. Poster presented at Northeastern's Research, Innovation, and Scholarship Expo (RISE) Conference, Boston, MA.
8. Siembor, B.*, **Shiyko, M.**, Burkhalter, J., Green, P., Park, B.J., & Smyth, J.M. (2014, April). *Using Ecological Momentary Assessment (EMA) Methodology to study Mindfulness (MF) in Post-Surgical Cancer Patients*. Poster presented at Northeastern's Research, Innovation, and Scholarship Expo (RISE) Conference, Boston, MA.
9. Lovering, M. E.*, Matsumoto, A.*, Naab, P.*, Shoemaker, H.*, Franko, D. L., **Shiyko, M.**, Intille, S., & Rodgers, R. F. (2014). *Exploring Healthy Eating among Ethnic Minority Students using Mobile Technology: Feasibility and*

Adherence. Poster presented at Northeastern's Research, Innovation, and Scholarship Expo (RISE) Conference, Boston, MA.

10. Cox, C*, Hoffman, J., **Shiyko, M. P.**, & Wirth, C. (2013, October). *The Use of Text Message Reminders to Promote Parent Participation in the Farm to Family Program*. Poster presented at the New Balance Foundation Obesity Prevention Center Boston Children's Hospital's Research Symposium on "Childhood Obesity in the Community: Turning Science into Care", Boston, MA.
11. Naab, P*, & **Shiyko, M.** (2013, April). *Impact of Negative Affect and Arousal on Smoking Urges: Findings from an Ecological Momentary Assessment Study*. Poster presented at the Interprofessional Research Symposium at Bouvé College of Health Sciences, Northeastern University, Boston, MA.
12. Naab, P* & **Shiyko, M.** (2013, March). *Impact of Negative Affect and Arousal on Smoking Urges: Findings from an Ecological Momentary Assessment Study*. Poster presented at the Research, Innovation, & Scholarship Expo at Northeastern University, Boston, MA.
13. **Shiyko, M.P.**, Perkins, S*, & Caldwell, L. (2013, March). *Investigation of adherence to ecological momentary assessments of after-school activities in urban minority youth*. Poster presented at the Interprofessional Research Symposium at Bouvé College of Health Sciences, Northeastern University, Boston, MA.
14. Franko, R. L., Rodgers, R. F., Wilson, K*, Lovering, M. E*, Alfieri, A*, O'Carroll, D*, Accomando, K*, Matsumoto, A*, **Shiyko, M.**, & Intile, S. (2013, March). *A picture a day: The Feasibility and acceptability of a food photo-journal intervention among female ethnic minority students*. Poster presented at the Research, Innovation, & Scholarship Expo at Northeastern University, Boston, MA.

Seminars

1. Li, Y., & **Shiyko, M.** (2009). *Using the statistical language R to analyze item response data for measurement development*. Pre-conference seminar at the annual meeting of the Society of Behavioral Medicine, Montreal, Quebec, Canada.

Invited Presentations

1. **Shiyko, M.P.** (2015, December). Methodological and Applied Perspective on Intensive Longitudinal Data. A part of the William James lecture series in the Department of Applied Psychology, Northeastern University, Boston, MA
2. **Shiyko, M.P.** (2014, December). In Vivo Assessments of Human Behaviors & Health: A Methodological Perspective & Novel Solutions. Presentation at the Department of Nursing, Northeastern University, Boston, MA
3. **Shiyko, M.P.** (2014, November). In Vivo Assessments of Human Behaviors & Health: A Methodological Perspective. Presentation at the Department of Personal Health Informatics, Northeastern University, Boston, MA
4. **Shiyko, M. P.** (2013, December). Penalized Functional Regression for Intensive Longitudinal Data, Quantitative Forum at the Department of Psychology, The University of North Carolina at Chapel Hill, Chapel Hill, NC
5. **Shiyko, M. P.** (2013, October). Modern Methods for Studying Change, Department of Physiotherapy, University of Sydney, Sydney, Australia
6. **Shiyko, M. P.** (2013, July). In Vivo Assessment of Human Behavior & Health: A Methodological Perspective, Center for Health Informatics, University of New South Wales, Sydney, Australia
7. **Shiyko, M. P.** (2013, June). In Vivo Assessment of Human Behavior & Health: A Methodological Perspective, Swinburne University of Technology, Department of Statistics, Melbourne, Australia
8. **Shiyko, M. P.** (2013, May). In Vivo Studies of Health-Related Behaviors: Methodology & Applications. Macquarie University, Department of Psychology, Sydney, Australia
9. Ram, N., **Shiyko, M. P.**, Lunkenheimer, E. S., Doerksen, S., & Conroy, D. (2012, October). Families as Coordinated Symbiotic Systems: Making use of Nonlinear Dynamic Models. Conference on Studying Family Dynamics, Pennsylvania State University, College Park, PA
10. **Shiyko, M.** (2012, September). *Power of Ecological Momentary Data with Modern Statistical Methods: New Questions, New Insights*. Personal Health Informatics Seminar, Northeastern University, Boston, MA
11. **Shiyko, M.**, & Ram, N. (2012, January). *Conceptualizing and Estimating Process Speed in Studies Employing Ambulatory Assessments: A Multilevel Variance Decomposition Approach*. Institute on Urban Health Research, Northeastern University, Boston, MA
12. **Shiyko, M.**, & Dziak, J. (2010, April). Sample Size Requirements in Growth Mixture Models for Intensive Longitudinal Data. The Methodology Center, Pennsylvania State University, State College, PA
13. **Shiyko, M.** (2009, January). *Analyzing ecological momentary assessments using growthmixture modeling*. The Methodology Center, Pennsylvania State University, State College, PA

14. **Shiyko, M.** (2009, June). *Introductory statistics and SPSS programming*. Department of Psychiatry and Behavioral Sciences, Memorial Sloan-Kettering Cancer Center, New York, NY.

Software and multimedia products

1. Dziak, J., & **Shiyko, M.P.** (2015). Funreg 1.1 (Functional Regression for Irregularly Timed Data). CRAN [http://: r-project.org](http://r-project.org)
2. Tan, X., **Shiyko, M. P.**, Li, R., Li, Y., Dierker, L. (2010). Intensive longitudinal data and model with varying effects. *The Methodology Center Technical Report Series, 10 -106*.

Funded External Research Grants

1. Design & Evaluation Core Member. *Center Grant: Northeastern Center for Comparative Effectiveness Research*. Funding source: Agency for Healthcare Research and Quality. Duration of funding: 2014-2019. Total direct: \$2,000,000.
The goal of this project is to create a Northeastern Center for Comparative Effectiveness Research and provide training on community, patient-centered, comparative effectiveness research.
2. Co-Investigator. Crowd-Sourced Annotation of Longitudinal Sensor Data to Enhance Data-Driven Precision Medicine for Behavioral Health. (PI: Stephen Intille) 1UH2EB024407 - 01
Funding source: National Institute of Health. Duration of funding: 2016-2018. Total requested: \$592,877.
The goal of this project is to iteratively develop and test a mobile crowdsourcing data annotation system, where online and mobile game players clean and annotate mobile health datasets to support physical activity and precision medicine research.
3. Principal Investigator. *Modeling Time-Varying Effects of EMA Predictors on Point-Prevalence Smoking Outcome*. Funding source: R03CA171809, National Cancer Institute, National Institute of Health. Duration of funding: 7/2012-6/2014. Total direct: \$100,000.
The goal of this project is to develop, validate, and apply a statistical model for analysis of intensive longitudinal data. An additional goal is to develop a free statistical software and disseminate results.
4. Collaborator. *Identifying Risk Profiles for Anterior Cruciate Ligament Injury Among Female Athletes* (PI: Evangelos Pappas).
Funding source: MBRS SCORE SC3, National Institute of Health. Duration of funding: 9/2012 – 8/2014. Total direct: \$350,000.
The goal of this project is to establish risk profiles for ACL injury through a comprehensive secondary analysis of data from a population of athletes.
5. Co-Investigator. *Using Social Media and Gamification Tactics for Improving Physical Activity and Eating Behaviors* (Co-I: Magy Seif El-Nasr, Carmen Sceppa).
Funding source: Aetna Foundation. Duration of funding: 9/2013 – 8/2014. Total direct: \$30,000.
The goal of this project is to pilot test acceptance and feasibility of a computer game for improving physical activity and eating behavior among a minority community sample of women.
6. Consultant. *A Preliminary Intervention Study for Nonverbal School-Aged Children with Autism* (PI: Rebecca Landa).
Funding source: NOT-DC-11-001, National Institute of Health. Duration of funding: 7/2011 – 6/2013.
The goal of this project is to pilot test a comprehensive intervention program for a unique sample of children with autism who remain non-verbal until the school age.
7. Consultant. *The Effect of a Safe Patient Handling and Movement Program on Rehabilitation Outcomes* (PI: Marc Campo).
Funding source: National Institute of Health. Duration of funding: 9/2011 – 8/2012. Total direct: \$50,000.
The goal of this project is to evaluate through secondary data analysis a newly implemented safe patient handling and movement program on patient recovery and functionality outcomes.

Funded Internal Research Grants

8. Co-Investigator. The Contemplative Pedagogy and Mindfulness Initiative: Testing Methods to Increase Students' Quality of Educational Experience and Academic Outcomes (Co-I: Carey Noland).
Funding source: Northeastern University. Duration of funding: 7/2014-6/2015. Total direct: \$15,000.

The goal of this project is to develop and pilot test feasibility and preliminary efficacy of a brief in-class mindfulness intervention with college students.

9. Co-Investigator. *IgnitePlay: Using Social Media and Social Games to Get People to Eat Healthy and Adopt Exercise* (Co-I: Magy Seif El-Nasr, Carmen Sceppa).
Funding source: Northeastern University, Tier I Seed Grant Program. Duration of funding: 7/2012-6/2013. Total direct: \$50,000.
The goal of this project is to examine the impact of a social game for weight loss and physical activity in women.
10. Co-Investigator. *Mobile Technology for Obesity Prevention in Racially and Ethnically Diverse Young Adults* (Co-I: Deb Franko, Rachel Rodgers).
Funding source: Northeastern University, Tier I Seed Grant Program. Duration of funding: 7/2012-6/2013. Total direct: \$43,000.
The goal of this project is to pilot test a brief mobile intervention for monitoring food intake in young adults.

External Research Grants under Review

11. Primary Investigator. *Stress resilience in a pocket: A mobile app to reduce vulnerability of student athletes towards stress*. (Co-PI: Changiz Mohiyeddini).
Funding source: National Collegial Athletic Association. Duration of funding: 2016-2017. Total requested: \$50,000.
The goal of this project is to create a mobile application (app) that teaches athletes tailored stress-resilience skills integrated into their daily life activities.
12. Co-Investigator. *Refinement of a universal behavioral screening system linked to evidence-based intervention*. (Co-PI: Rob Vople, Amy Briesch).
Funding source: Institute for Educational Sciences National Center for Education Research. Duration of funding: 2017-2020. Total requested: \$ 1,398,457
The goal of this project is to improve the academic achievement and social functioning of students at-risk for emotional and behavior disorders by refining and improving an extant universal screening system linked to evidence-based intervention.

External Research Grants Not Funded

1. Primary Investigator. *Establishing mechanism of action in mindfulness-based intervention for building psychological resilience in repressors* (Co-PI: Changiz Mohiyeddini).
Funding source: National Institute of Health. Duration of funding: 2016 – 2018. Total requested: \$419,426.
The goal of this project is to establish the mechanism through which mindful meditation training (MMT) enhances resilience in repressors that exhibit a maladaptive style of stress coping and are over-represented in chronic diseases.
2. Co-Investigator. *Always-On Virtual Mobile Companion to Support Healthy, Sustainable Activity in Overweight Minority Adolescents* (Co-I: Stephen Intille, Donna Spruijt-Metz, Denesh John).
Funding source: National Institute of Health. Duration of funding: 2016 – 2021. Total requested: \$454,904.03.
The goal of this project is to design and pilot test a novel, smartphone-based, proactive and individualized communication platform intended to help overweight minority adolescents adopt lifelong healthy physical activity.
3. Co-Investigator. *Exploring micro ecological momentary assessment (uEMA) for continuous assessment of health state in emerging adults*. (PI: Stephen Intille, Donna Spruijt-Metz).
Funding source: National Institute of Health. Duration of funding: 2015 – 2017. Total requested: \$442,209.
The goal of this project is to investigate an extension to EMA – “microinteraction” ecological momentary assessment (μ EMA) – where questions are presented on a smart watch to enhance compliance and burden for extended periods of time.
4. Co-Investigator. *Collaborative Research: Promoting Health Literacy through Gaze Tracking*. Funding source. (PI: Timothy Bickmore, Michael Paasche-Orlow).
Funding source: National Institute of Health. Duration of funding: 2014-2019. Total requested: \$2,500,000.
The goal of this project is develop and validate an automated gaze tracking software that can be used in clinical settings to establish literacy level of a patient and aid him/her with comprehension of medical information.
5. Co-Investigator. *Just in Time Adaptive Intervention to Increase Physical Activity in Minority Youth*. (Co-I: Stephen Intille, Donna Spruijt-Metz, Denesh John).

Funding source: National Institute of Health. Duration of funding: 2016-2021. Total requested: \$454,904.03

The goal of this project is to design and pilot test a novel smartphone-based communication platform intended to help middle-school children adopt lifelong healthy physical activity patterns with the support of a behavior-aware, virtual Oracle that proactively communicates with the children.

6. Co-Investigator. *Just in Time Adaptive Intervention to Reduce Sedentary Behavior in Elderly Adults*. (PI: Denesh John).

Funding source: National Institute of Health. Duration of funding: 2016-2018. Total requested: \$191,215.75

The goal of this project is to design and pilot test a novel smartphone-based communication platform intended to help elderly adults to reduce sedentary behavior and improve physical activity with the support of a behavior-aware, virtual Oracle that proactively communicates with the adults.

7. Co-Investigator. *A Multi-Level, Technology Mediated, Personalized Intervention to Increase and Sustain Daily Physical Activity Habits in Sedentary Office Employees* (PI: Denesh John).

Funding source: National Institute of Health. Duration of funding: 2016-2021. Total requested: \$193,895.41

The goal of this project is to design and pilot test a novel smartphone-based communication platform intended to help office employees to build and maintain a physical activity habit in the context of their work environment.

8. Co-Investigator. *Measuring and Motivating Dietary Habit Formation Using Mathematical Modeling of Behavior and Social Network Analysis* (Co-I: Stephen Intille, Matthew Goodwin, David Lazar, Katherine Tucker).

Funding source: National Science Foundation. Duration of funding: 2014 –2018. Total requested: \$2,106,000.

The goal of this project is to construct a database of real-time behaviors based on multiple phone sensor inputs (GPS, scanning of food labels, self-report) and develop mathematical models for prediction of habit formation.

9. Co-Investigator. *Using Social Media and Gamification Tactics for Improving Physical Activity and Eating Behaviors* (Co-I: Magy Seif El-Nasr, Carmen Sceppa).

Funding source: National Science Foundation. Duration of Funding: 2014 – 2018. Requested: \$350,000.

The goal of this project is to evaluate efficacy of a computer game for weight loss in women and triangulate successful game elements based on real-life behavioral records

Internal Research Grants Not Funded

10. Primary Investigator. *Innovative Psychological Intervention Increasing Stress Resilience* (Co-I: Changiz Mohiyeddinie, Emanuel Mason, Magy Seif el Nasr).

Funding source: Northeastern University, Tier I Seed Grant Program. Requested: \$50,000.

11. Primary Investigator. *Reducing chronic stress in younger adults through real-life mobile mindfulness training* (Co-I: Rachel Rodgers, Stephen Intille).

Funding source: Northeastern University, Tier I Seed Grant Program. Requested: \$50,000.

12. Co-Investigator. *Material Science Descriptors to Capture Social Behavior* (Co-I: Steven Cranford). Funding source: Northeastern University, Tier I Seed Grant Program. Requested: \$50,000.

13. Northeastern Humanities Fellow. *Dynamic Effects of Contextual Factors on a Smoking-Cessation Success*. Funding source: Northeastern University, Resident Fellowship Program.

14. Co-Investigator. *Technology-Enabled Assessment of Disruptive Classroom Behavior in Middle-School Children* (Co-I: Matthew Goodwin, Amy Briesch). Funding source: Northeastern University, Tier I Seed Grant Program.

Requested: \$37,600.

Media Contributions

1. How to do a “digital detox.” <http://www.northeastern.edu/news/2016/01/how-to-do-a-digital-detox/>

2. Are you addicted to your smart phone? *Consumer Affairs*.

<https://www.consumeraffairs.com/news/are-you-addicted-to-your-smartphone-021016.html>

3. Creativity in a moment. *Patronné* – online magazine for professional women.

TEACHING & ADVISING

Courses Taught

2015 – present

Mindfulness: Theory & Practice. An Interdisciplinary course for senior undergraduate, MA and PhD-level students in Departments of Applied Psychology, Health Sciences, Physical

	Therapy, Audiology, Nursing, Pharmacy, Law, Management, Engineering, & Biology. Northeastern University, Boston, MA.
2014 - present	<i>Statistical Consulting Seminar</i> (open to faculty & students), Department of Applied Psychology, Bouvé College of Health Sciences, Northeastern University, Boston, MA
2011 - present	<i>Intermediate Statistics (Univariate)</i> , An Interdisciplinary course for PhD-level students in Departments of Applied Psychology & Personal Health Informatics, Department of Applied Psychology, Bouvé College of Health Sciences, Northeastern University, Boston, MA
2011 - present	<i>Advanced Research Methods and Statistical Analysis (Multivariate)</i> . An Interdisciplinary course for PhD-level students in Departments of Applied Psychology & Personal Health Informatics, Bouvé College of Health Sciences, Northeastern University, Boston, MA
2011	<i>Research, Evaluation, & Data Analysis</i> . An Interdisciplinary course for MA -level students in the Department of Applied Psychology, Bouvé College of Health Sciences, Northeastern University, Boston, MA
2007 - 2009	Co-instructor for graduate courses: <i>Biostatistics I & II</i> , Department of Humanities and the Social Sciences, Steinhardt School of Culture, Education, and Human Development, The New York University
2005 - 2007	Teaching assistant for graduate course: <i>Statistics and Computer Programming I & II</i> , Department of Educational Psychology, the Graduate Center, City University of New York
2001 - 2002	Teacher: <i>History and Humanities</i> , Smolensk Pedagogical Lyceum (Specialized High School), Smolensk, Russia

Dissertation & Thesis Committees

1. Sean Hallinan (Northeastern University, dissertation chair). *Addressing Unique Psychological Needs of Veteran Students through Real-Time Mindfulness Training: A Mixed-Methods Approach*. Expected date of proposal defense – December 2016
2. Pamela Naab (Northeastern University, dissertation chair). *Profiles of Childhood and Adolescent Obesity: Latent Class Analysis Framework*. Proposal defended December 2015
3. Russell DuBois (Northeastern University, dissertation committee member). *Decoupling as the Process Underlying Mechanisms of Change in Acceptance and Mindfulness Based Interventions for Eating Disorders: New Insights from a Network Perspective*. Expected date of proposal defense – December 2016
4. Christine Simone (Harvard School of Public Health, dissertation committee member). *Psychosocial factors influencing father involvement in child care: Structural Equation Modeling Approach*. Proposal defended June 2016
5. Shuo Zhou (Northeastern University, MA thesis qualifier). *Using Penalized Functional Regression to Predict Physical Activity Based on Longitudinal Data*. Passed December 2015
6. Collin Cox (Northeastern University, dissertation committee member). *The Relationship between Head Start Teachers' Attitudes and Implementation of Activities that Promote Physical Activity*. Defended 03/2014
7. Patricia J. Osborne (Albert Einstein College of Medicine and Yeshiva University, dissertation committee member). *The Association Between Mood and Smoking in Patients with Chronic Pain: An Ecological Momentary Assessment Study*. Defended 05/2013
8. Collin Cox (Northeastern University, independent project committee member). *The Use of Text Message Reminders to Promote Parent Participation in the Farm-to-Family*. Defended 06/2013
9. Jason Scott (Pennsylvania State University, master's thesis committee member). *Why are They Bored? Momentary Predictors of Boredom among Minority Youth*. Defended 09/2012
10. James Roehrig (Northeastern University, dissertation committee member). *The Role of Self-Related and Self-Discrepant Cognitions in Anorexia Nervosa and Related Psychopathology*. Defended 11/2012

Advising Activities

1. Sean Hallinan, PhD student in Applied Psychology
2. Pam Naab, PhD student in Applied Psychology
3. Shuo Zhou, PhD student in Personal Health Informatics as part of the HEAL lab (Health for Awareness Lab)
4. Daniel Gittins Stone, PhD student in Applied Psychology as part of the HEAL lab (Health for Awareness Lab)
5. Lisa Rines-Toth, PhD student in Applied Psychology as part of the HEAL lab (Health for Awareness Lab)
6. Peter Ward, PhD student in Applied Psychology as part of the HEAL lab (Health for Awareness Lab)

7. Hannah Shulman, MA student in Applied Psychology as part of the HEAL lab (Health for Awareness Lab)
8. Ann Conducy, MA student in Applied Psychology as part of the HEAL lab (Health for Awareness Lab)
9. Jordyn Chandler, MA student in Applied Psychology as part of the HEAL lab (Health for Awareness Lab)
10. Atsushi Matsumoto, MA student Boston College as part of the HEAL lab (Health for Awareness Lab)
11. Shelby Sih, BA student as part of the HEAL lab (Health for Awareness Lab)
12. Rebecca Jurbala, BA student as part of the HEAL lab (Health for Awareness Lab)

SERVICE & PROFESSIONAL DEVELOPMENT

Service to the Institution

- Core team member of the Counseling Psychology program, BCHS (2011 – current)
- Team member of the Counseling & Applied Educational Psychology program, BCHS (2011 – current)
- Team member of the Urban Institute Center, BCHS (2011 – current)
- Team member of the Personal Health Informatics, BCHS & Game Design (2011 – current)
- Organizer of the Interdisciplinary Cross-University Methodology Group Meetings (2012 – 2014)
- Member of the College-level committee on teaching methodology & statistical services (2012 – current)
- Member & Educator through the Northeastern Center for Comparative Effectiveness Research to promote high-quality methodology in research (2014 – current)
- Member of the university-wide initiative on contemplative pedagogy as a part of the Center for Advancing Teaching & Learning through Research (2014 – current)
- Contributing member to the Department of Mathematics on issues of faculty hire (2013 – current)
- Statistical consultant to faculty, Department of Applied Psychology (2011 – current)
- Member of the Departmental Chair Search Committee (2014)
- Member of the Merit Review Committee (2014 – 2015)
- Leader of the Initiative for Updating Admissions Criteria, Counseling Psychology, Department of Applied Psychology (2011 – current)
- Member of the Initiative for Developing Student Funding Criteria, Counseling Psychology, Department of Applied Psychology (2013 – current)
- Member of the Initiative for Curriculum Update, Counseling Psychology, Department of Applied Psychology (2015 – current)
- Leader of the Weekly Stress-Reduction Group (2013 – current)
- Consultant to students at the Sacred Space – a multi-faith Center to promote contemplative practices and discussions on personal and global issues.
- Leader of the Mindfulness Research & Practice event for Northeastern Undergraduate Students (April 2016)

Service to the Discipline

Editorial Board Member

Applied Developmental Science (Section on “Methods and Measures”),

Ad Hoc Reviewer (N = 23)

Addictive Behaviors; Anxiety, Stress & Coping; Bayesian Analysis; Developmental Psychology; General Hospital Psychiatry; Human Computer Interaction; International Journal of Behavioral Development; International Journal of Environmental Research and Public Health; Journal of Consulting & Clinical Psychology; Journal of Physical Therapy Education; Journal of Medical Internet Research; Libertas Academica; Motivation & Emotion; Multivariate Behavioral Research; Nicotine & Tobacco Research; Nursing Research; Pediatric Obesity; Psychological Methods; Psychology of Addictive Behaviors; Psycho-Oncology; Statistics in Medicine; Structural Equation Modeling

Grants’ Reviewer

National Science Foundation, Panel on Machine Learning in the Information & Intelligent Systems Division

Abstracts' Reviewer

International Society for Prevention Research

International Society of research around human-computer interactions (HCI)

Reviewer of papers and notes of SIGCHI. SIGCHI is the premier international society for professionals, academics and students who are interested in human-technology & human-computer interaction (HCI).

Professional Affiliations

Society of Ambulatory Assessments (Member of the Elections Committee); Society for Prevention Research; Psychometric Society; Association of Psychological Sciences

Service to the Community

- Educator around the stress-management techniques, ways to work with the body, life balance, meditation, and yoga in the Boston area
- Volunteer with women recovering from cancer and working with stress management during the post-recovery period
- Methodology consultant on the Health Kids Healthy Futures community project that involves an inter-institutional collaboration with multiple stakeholders in the City of Boston, including ABCD, Inc. Head Start and Children's Services, Boston Centers for Youth and Families, Northeastern University, and Boston Children's Hospital
- Methodology consultant to faculty and graduate students in the Graduate Center, CUNY; Adelphi University; Fordham University, & Pennsylvania State University on projects that use technology for assessment & intervention

Professional Development

Year	Activity
2016	International Conference on Mindfulness
2014, 2015	National Conference of the Center for Mindfulness in Medicine, Health Care, and Society
2014, 2015	National Conference of the Association of American Psychological Science
2014, 2016	International Conference of the Society of Research on Child Development.
2013, 2014, 2015	Inter-professional Research Symposium at Bouvé College of Health Sciences Research, Innovation, & Scholarship Expo at Northeastern University
2014	National Conference of the Life & Mind Institute
2011, 2013, 2015	Biennial meeting of the International Society of Ambulatory Assessments
2013	NIH training on mHealth
2013	PLANET (Physical Activity Network Sydney) Symposium
2013	International Conference on Global Health: Prevention and Treatment of Substance Abuse and HIV
2012-2015	Inter-professional Research Symposium at Bouvé College of Health Sciences
2012-2015	Interdisciplinary Methodology Interest Group Meetings
2011-2015	Departmental and University Research Colloquia
2013	Research, Innovation, & Scholarship Expo at Northeastern University
2013	Data Mining Workshop with the Center of Statistical Horizons in Philadelphia, PA
2012	Developmental Methodology
2012	Modern Modeling Methods conference & pre-conference workshops
2012	Modeling Family Dynamics conference
2012	Grant writing workshops at NEU
2011, 2012, 2014	Society of Prevention Research
2011, 2012	Intensive Longitudinal Data interest group meetings
2011	Dynamic Development Systems
2011	Gerontology Society meeting
2011	Psychometric Society meeting