

June 2017

Curriculum Vitae
Michael Arthur Russell, Ph. D.

Research Associate
The Methodology Center
The Pennsylvania State University
E-mail: *mar60@psu.edu*

Education

- 2014 Doctor of Philosophy (Psychology)
University of California, Irvine
Concentration: Psychopathology and Behavioral Disorder
Additional specialization: Quantitative Psychology
- 2011 Master of Arts (Psychology)
University of California, Irvine
- 2008 Master of Arts (Psychology in Education)
Teacher's College, Columbia University
- 2006 Bachelor of Arts (Psychology), *Magna cum Laude*
University of California, Irvine

Employment

- 2017 (July) Assistant Professor
Department of Biobehavioral Health
The Pennsylvania State University
- 2015-current Research Associate
The Methodology Center
The Pennsylvania State University
- 2014-2015 Postdoctoral Fellowship, supported by Award Number T32 DA017629
from the National Institute on Drug Abuse
The Prevention and Methodology Training (PAMT) Program
The Pennsylvania State University
- 2013 Associate in Research
Center for Child and Family Policy, Duke University

Honors and Awards

- 2015-2017 NIH Loan Repayment Program Award: *Substance use and problem behavior from childhood to young adulthood: Capturing developmental, daily, and momentary processes using longitudinal designs and statistical innovations*
- 2014 Young Scholar Travel Award, Jacobs Foundation
- 2013 Social Ecology Dean's Dissertation Writing Fellowship
- 2012 Carol Kupers Whalen Award for Research in Psychopathology (\$1000 award)
- 2012 Society for Research in Child Development Student and Early Career Council Dissertation Funding Award (\$2000 research grant)
- 2012 American Psychological Association of Graduate Students (APAGS) Basic Psychological Science Research Grant (\$1000 research grant)
- 2011 Graduate Mentor Award, Psychology and Social Behavior
- 2010 Travel Award to attend the Society for Research in Child Development Biennial Meeting
- 2010 Alison Clark Stewart Award for Outstanding Second-Year Project
- 2010 Graduate Mentor Award, Psychology and Social Behavior
- 2010 Travel Scholarship to Attend 2010 Summer Institute on Longitudinal Methods
- 2009 Association for Psychological Science Student Caucus (APSSC) Student Research Award
- 2009 Graduate Student Research Fellowship, University of California, Irvine
- 2006 Phi Beta Kappa

Research Support

Active

Investigator (Scientific Project)(NIH/NIDA P50-DA039838; Center PI: Linda Collins)
*Center for Complex Data to Knowledge in Drug Abuse and HIV Behavioral Science:
 Multidimensional and Dynamic Moderation in Drug Abuse and HIV Studies*
 PI: Lanza, Stephanie
 9/1/2015-7/31/2020

Investigator (Scientific Project)(NIH/NIDA P50-DA039838; Center PI: Linda Collins)
New Statistical Procedures for High-dimensional Complex Drug Abuse Data
PI: Li, Runze
9/1/2015-7/31/2020

Co-Principal Investigator (with D. Swendeman; Funder: The Jacobs Foundation)
Combining ecological momentary assessments and innovative audio-sensing technology to capture family interaction, mood, and behavior in situ.
1/2016-12/2017

Principal Investigator (Funder: The Methodology Center, pilot project in NIDA P50)
Continuous alcohol monitoring, ecological momentary assessment, and innovative analytic methods to inform real-time prevention of young-adult heavy drinking.
9/2016-8/2017

Completed

Postdoctoral Fellow (2014-2015, NIH/NIDA, T32-DA017629, PI: Mark Greenberg)
Prevention and methodology training program (PAMT).
7/2014-6/2015

Publications

Journal Articles

Russell, M. A., Almeida, D. M., & Maggs, J. L. (in press). Stressor-related drinking and future alcohol problems among university students. *Psychology of Addictive Behaviors*.

Odgers, C. L., & **Russell, M. A.** (in press). Witnessing violence predicts same-day increases in aggression, depression and health-risk behaviors among adolescents. *Journal of Child Psychology & Psychiatry*.

Russell, M. A., Schlomer, G. L., Cleveland, H. H., Feinberg, M., Greenberg, M., Spoth, R., Redmond, C., & Vandenberg, D. J. (in press). PROSPER intervention effects on adolescents' alcohol misuse vary by *GABRA2* genotype and age. *Prevention Science*.

George, M., **Russell, M. A.**, Piontak, J. R., & Odgers, C. L. (in press). Concurrent and subsequent associations between daily digital technology use and mental health symptoms among high-risk adolescents. *Child Development*.

Lanza, S. T., **Russell, M. A.**, & Braymiller, J. (2017). Emergence of electronic cigarette use in US adolescents and the link to traditional cigarette use. *Addictive Behaviors*, 67, 38-43.

Lanza, S. T., Vasilenko, S. A., & **Russell, M. A.** (2016). Time-varying effect modeling to address new questions in behavioral research: Examples in marijuana use. *Psychology of Addictive Behaviors, 30*, 939-954.

Russell, M. A., Wang, L., & Odgers, C. L. (2016). Witnessing substance use and same-day antisocial behavior among at-risk adolescents: Gene-environment interaction in a 30-day ecological momentary assessment study. *Development and Psychopathology, 28*, 1441-1456.

Russell, M. A., Vasilenko, S. A., & Lanza, S. T. (2016). Age-varying links between violence exposure and behavioral, mental, and physical health. *Journal of Adolescent Health, 59*, 189-196.

Russell, M. A., Smith, T. W., & Smyth, J. M. (2016). Anger expression, momentary anger, and symptom severity in patients with chronic disease. *Annals of Behavioral Medicine, 50*, 259-271.

Mason, M., Mennis, J., Way, T., Lanza, S., **Russell, M. A.**, & Zaharakis, N. (2015). Time-varying effects of a text-based smoking cessation intervention for urban adolescents. *Drug and Alcohol Dependence, 157*, 99-105.

Odgers, C. L., Caspi, A., **Russell, M. A.**, Sampson, R. J., Arseneault, L. & Moffitt, T. E. (2012). Supportive parenting mediates neighborhood socioeconomic disparities in children's antisocial behavior from ages 5 to 12. *Development and Psychopathology, 24*, 705-721.

Russell, M. A., & Marston, E. M. (2011). The mental health profiles of adolescent female offenders. *Court Review, 46*, 16-23.

Robins, S., Odgers, C. L., & **Russell, M. A.** (2011). Incarcerated girls' physical health: Can the juvenile justice system help to reduce long-term costs? *Court Review, 46*, 30-35.

Odgers, C. L., Robins, S., & **Russell, M. A.** (2010). Morbidity and mortality risk among the forgotten few: Severity of childhood maltreatment predicts poor adult health for girls in the justice system. *Law and Human Behavior, 34*, 429-444.

Odgers, C. L., & **Russell, M. A.** (2009). Can adolescent dating violence be prevented through school-based programs? *Archives of Pediatrics and Adolescent Medicine, 163*, 767-768.

Book Chapters

George, M. G., **Russell, M. A.**, & Odgers, C. L. (2016). How mobile technologies can advance the study (and treatment) of psychopathology among children and

adolescents. In Centifanti, L. C., & Williams, D. *Handbook of Developmental Psychopathology*. Hoboken, NJ: Wiley-Blackwell.

Russell, M. A., & Odgers, C. L. (2016). Desistance and Life Course Persistence: Findings from longitudinal studies using group-based trajectory modeling of antisocial behavior. In Heilbrun, K., DeMatteo, D., & Goldstein, N. *APA Handbook of Psychology and Juvenile Justice* (pp. 159-175). Washington, DC: APA Books.

Russell, M. A., & Odgers, C. L. (2014). Antisocial behavior among children in poverty: Understanding environmental effects in daily life. In Pietz, C. A., & Mattson, C. A. (eds.). *Violent Offenders: Understanding and Assessment* (pp. 19-49). Oxford, UK: Oxford University Press.

Russell, M. A., Robins, S., & Odgers, C. L. (2014). Developmental perspectives: Sex differences in antisocial behavior from childhood to adulthood. In Gartner, R. and McCarthy, B. (Eds.). *Oxford Handbook on Gender, Sex, and Crime* (pp. 286-318). Oxford, UK: Oxford University Press.

Odgers, C. L., & **Russell, M. A.** (2011). What can genetically informative research tell us about the causes and consequences of crime? In McDonald, J. *Measuring Crime and Criminality: Advances in Criminology, Vol 17*. Cambridge, UK: Cambridge University Press.

Marston, E. M., **Russell, M. A.**, Obsuth, I., & Watson, G. (2011). Dealing with double jeopardy: Mental disorder among girls in the juvenile justice system. In Miller, S., Leve, L. D., & Kerig, P. K. *Delinquent Girls: Contexts, Relationships, Adaptation* (pp. 105-118). New York: Springer Press.

Manuscripts under Review

Journal Articles

Bekiroglu, K., **Russell, M. A.**, Lagoa, C. M., Lanza, S. T., & Piper, M. (revision invited). Evaluating the effect of a smoking cessation treatment on a complex dynamical system.

Mason, M. J., Zaharakis, N. M., Sabo, R., **Russell, M. A.**, & Childress, V. Treating cannabis use disorder among young adults: A randomized clinical trial of text vs. in-person delivered peer network counseling.

Swendeman, D., Brink, A., Mindry, D., & **Russell, M. A.** Self-monitoring by smartphone application to improve family functioning.

Piontak, J. R., **Russell, M. A.**, Danese, A., & Odgers, C. L. Violence exposure in daily life triggers obesogenic behaviors among adolescents living in high poverty neighborhoods.

Milojevich, H. M., **Russell, M. A.**, & Quas, J. A. Unpacking the associations among maltreatment exposure, emotion regulation, and behavioral functioning in high-risk youth.

Manuscripts in Preparation

Journal Articles

Russell, M. A., & Odgers, C. L. Adolescents' perceptions of social status affect their day-to-day mental health.

Novaco, R. W., **Russell, M. A.**, & Monahan, J. T. Anger, imagined violence, and their extensions to actual violence.

Book

Lanza, S. T., & **Russell, M. A.** *Introduction to time-varying effect modeling.*

Invited Talks, Lectures, and Workshops

Russell, M. A. (2017, May). *Analyzing ambulatory assessment data using multilevel modeling.* University Park, PA: Half-day workshop presented for The Methodology Center's "Taste of Methodology" series at The Pennsylvania State University.

Russell, M. A. (2016, November). *Analysis of ecological momentary assessment data using multilevel modeling.* Durham, NC: One-day workshop presented to the Center for the Study of Adolescent Risk and Resilience (C-StARR) at Duke University.

Russell, M. A. (2016, October) *Substance use: Developmental pathways and day-to-day processes.* University Park, PA: Invited lecture in the Substance Abuse: Etiological, Developmental, and Translational Perspectives course at The Pennsylvania State University.

Russell, M. A., & Lanza, S. T. (2016, August) *Continuous alcohol monitoring and EMA of young-adult drinking.* Aberdeen, Scotland, UK: Dynamic Systems Modeling Expert Meeting.

Smyth, J. M., Heron, K. E., & **Russell, M. A.** (2016, July) *Ecological momentary assessment (EMA): Investigating biopsychosocial processes in context.*

University Park, PA: Summer Institute for Longitudinal Methods (2-day Workshop).

Russell, M. A. & Lanza, S. T. (2016, April). *Time-varying effect modeling of developmental and dynamic effects*. Richmond, VA: Invited lecture to the psychiatry department at Virginia Commonwealth University.

Lanza, S. T., & **Russell, M. A.** (2015, June). *Advanced analytics for intensive longitudinal data analysis*. Pre-conference workshop presented at the annual meeting of the Society for Ambulatory Assessment, University Park, PA.

Russell, M. A. (2014, June). *Child psychopathology*. Irvine, CA: Invited lecture in Child Development course at the University of California, Irvine.

Russell, M. A. (2013, September). *Mobile technology and child development: Research applications*. Durham, NC: Invited lecture in Child Policy Research and Adolescence Today courses at Duke University.

Russell, M. A. (2010, November). *Classification, etiology, and developmental models of childhood conduct problems*. Irvine, CA: Invited Lecture for Abnormal Behavior course at the University of California, Irvine.

Presentations and Posters

Russell, M. A., Lanza, S. T., & Piasecki, T. (2017, June). *Time-to-event analysis using time-varying effect modeling (TVEM) of intensive longitudinal data: Affect leading into and out of drinking episodes*. Paper to be presented at the Society for Ambulatory Assessment Biennial Meeting. (Luxembourg City, Luxembourg).

Schlomer, G. L. & **Russell, M. A.** (2017, June). *Integrating development into GxE and GxI research*. Paper to be presented at the Society for Prevention Research Annual Meeting. (Washington, DC).

Russell, M. A., Rivenbark, J., Piontak, J., & Odgers, C. L. (2017, April). *Subjective social status predicts adolescents' mental health problems in daily life: An ecological momentary assessment study*. Paper to be presented at the Society for Research in Child Development Biennial Meeting. (Austin, TX).

Odgers, C. L., Caspi, A., Danese, A., Fisher, H., Moffitt, T. E., **Russell, M. A.**, & Arseneault, L. (2017, April). *Feeling, not just being, poor predicts adolescents' mental health and educational success*. Paper to be presented at the Society for Research in Child Development Biennial Meeting. (Austin, TX).

Russell, M. A., Vasilenko, S. A., & Lanza, S. T. (2017, March). *Low family SES and smoking: Age-varying associations from adolescence to young adulthood*. Paper

to be presented at the Society for Research on Nicotine and Tobacco Annual Meeting. (Florence, Italy).

Russell, M. A., & Odgers, C. L. (2016, October). *Subjective social status predicts day-to-day mental health problems among adolescents*. Paper presented at the Society for Research in Child Development Special Topic Meeting: Technology and Media in Children's Development. (Irvine, CA).

George, M., **Russell, M. A.**, Piontak, J., & Odgers, C. L. (2016, October). *Young adolescents' mobile technology use predicts same-day and future externalizing problems*. Paper presented at the Society for Research in Child Development Special Topic Meeting: Technology and Media in Children's Development. (Irvine, CA).

Swendeman, D., Brink, A., Mindry, D., & **Russell, M. A.** (2016, October). *Smartphone ecological momentary assessment (EMA) and intervention (EMI) in tween-parent daily routines*. Poster presented at the Society for Research in Child Development Special Topic Meeting: Technology and Media in Children's Development. (Irvine, CA).

Russell, M. A., Braymiller, J., & Lanza, S. T. (2016, June). *Adolescent e-cigarette use: Age-varying prevalence and association with traditional cigarette smoking*. Paper presented at the Society for Prevention Research Annual Meeting (San Francisco, CA).

Lanza, S. T., Vasilenko, S. A., & **Russell, M. A.** (2016, June). *Four definitions of "time" in time-varying effect modeling: Examples in marijuana use*. Paper presented at the Society for Prevention Research Annual Meeting (San Francisco, CA).

Russell, M. A., & Lanza, S. T. (2016, April). *Age-varying associations between witnessing violence, substance use, depression, and health from adolescence to young adulthood*. Paper presented at the Society for Research in Adolescence Biennial Meeting (Baltimore, MD).

Russell, M. A., Schlomer, G. L., Cleveland, H. H., Feinberg, M., Greenberg, M. Spoth, R., Redmond, C., & Vandenberg, D. J. (2016, April). *Adolescent alcohol use, GABRA2 genotype, and developmental stage: A gene-intervention-development interaction*. Paper presented at the Society for Research in Adolescence Biennial Meeting (Baltimore, MD).

Russell, M. A., Smith, T. W., & Smyth, J. M. (2015, June). *Momentary health among patients with chronic disease as a function of anger experiences and anger expression style*. Paper presented at the Society for Ambulatory Assessment Annual Meeting (State College, PA).

Russell, M. A. & Lanza, S. T. (2015, May). *Violence exposure and adolescent substance use: Age-varying associations by gender*. Poster presented at the Society for Prevention Research Annual Meeting (Washington, DC) as part of the organized poster forum: Time-Varying Effect Models: A Novel Technique for Addressing Crucial Questions in the Prevention of Health-Risk Behavior (**chair: Russell**).

Russell, M. A., Wang, V., & Odgers, C. L. (2015, March). *Adolescents with the DRD4-7R allele are more reactive to substance use exposure: Evidence for a GxE in daily life*. Paper presented at the Society for Research in Child Development Biennial Meeting (Philadelphia, PA).

Piontak, J., **Russell, M. A.**, Wang, V., Odgers, C. L. (2015, March). *Violence exposure in daily life triggers obesity-risk behaviors*. Paper presented at the Society for Research in Child Development Biennial Meeting (Philadelphia, PA).

George, M., **Russell, M. A.**, Wang, V., & Odgers, C. L. (2015, March). *Adolescents' mental health symptoms and technology impairment in daily life*. Paper presented at the Society for Research in Child Development Biennial Meeting (Philadelphia, PA).

Russell, M. A., & Smyth, J. M. (2015, March). *Momentary anger, general mood, and physical well-being in patients with chronic disease: The moderating roles of anger expression styles and gender*. Paper presented at the American Psychosomatic Society Annual Meeting (Savannah, GA).

Smith, A. M., **Russell, M. A.**, Whalen, C. K., Greenberger, E., & Reed, P. (2014, March). *Refining the stress-buffering model: Comparing emotional support and social engagement*. Poster presented at the Association for Psychological Science (San Francisco, CA).

Russell, M. A., Dodge, K. A., & The Conduct Problems Prevention Research Group (2014, February). *Childhood self-regulation moderates the effect of the Fast Track intervention on externalizing behavior problems in adolescence*. Poster presented at the 3rd Annual Advisory Board Meeting of the Irvine Network for Interventions in Development (Laguna Beach, CA).

George, M.J., **Russell, M.A.**, & Odgers C.L. (2013, May). *R the kids OK? Capturing technology use and dependency among young adolescents using mobile phones*. Poster presented at the Association for Psychological Science Convention (Washington, DC).

Russell, M. A., Robins, S. J., Adel, S., & Odgers, C. L. (2011, March). *Can affect regulation explain the link between early adversity and later mental health burden?* Paper presented at the Society for Research in Child Development Biennial Meeting (Montreal, QC).

Russell, M. A., Adel, S., Kellogg, M., & Odgers, C. L. (2011, March). *ADHD and health problems in the transition to adulthood for high-risk adolescent females*. Paper presented at the Society for Research in Child Development Biennial Meeting (Montreal, QC).

Robins, S. J., **Russell, M. A.,** & Odgers, C. L. (2011, March). *How early adversity predicts poor adult health among high-risk girls*. Paper presented at the Society for Research in Child Development Biennial Meeting (Montreal, QC).

Russell, M. A., Adel, S., Kellogg, M., & Odgers, C. L. (2011, March) *Attention-deficit/hyperactivity disorder and young adult outcomes: Effects on health, relationship violence, and self-reported offending*. Paper presented at the American Psychology and Law Society Annual Meeting (Miami, FL).

Robins, S. J., **Russell, M. A.,** Odgers, C. L., Truong, T., Chang, J., & Hussein, H. (March, 2011) *Early adversity predicts poor health in young adulthood among high-risk girls*. Paper presented at the American Psychology and Law Society Annual Meeting (Miami, FL).

Russell, M. A., & Odgers, C. L., (2010, March). *ADHD symptoms mark poor prognosis for female juvenile offenders*. Paper presented at the American Psychology and Law Society Annual Meeting (Vancouver, BC).

Odgers, C. L., **Russell, M. A.,** & Robins, S. (2009, November). *The transition to young adulthood and physical health status among female juvenile offenders*. Paper presented at the American Society for Criminology Annual Meeting (Philadelphia, PA).

Russell, M. A., & Odgers, C. L. (2009, May). *ADHD among adolescent females sentenced to custody: Prevalence and young-adult outcomes*. Paper presented at the Student Research Award Symposium, Association for Psychological Science, 21st Annual Convention (San Francisco, CA).

Russell, M. A., & Odgers, C. L. (2009, May). *ADHD among incarcerated adolescent females predicts psychopathology and offending in young adulthood*. Poster presented at the Association for Psychological Science's 21st Annual Convention (San Francisco, CA).

Robins, S., Odgers, C. L., & **Russell, M. A.** (2009, May). *Health profiles of adolescent girls in the juvenile justice system*. Poster presented at the Association for Psychological Science's 21st Annual Convention.

Emmerson, N., Whalen, C. K., Henker, B., Ishikawa, S. S., Floro, J., **Russell, M.,** Reed, P., Johnston, J., & Swindle, R. (2009, April). *ADHD and anger in context: Cross-informant analyses of electronic diary mood reports from mothers and children*.

Poster presented at the Society for Research in Child Development Biennial Meeting (Denver, CO).

Reed, P., Whalen, C. K., Henker, B., Ishikawa, S. S., **Russell, M.**, Emmerson, N., Swindle, R., & Johnson, J. (2009, April). *Predictors of parenting self-efficacy in mothers of children with ADHD: An electronic diary study*. Poster presented at the Society for Research in Child Development Biennial Meeting (Denver, CO).

Teaching

Instructor

- Statistical Analysis of Ambulatory Assessment Data
 - One-unit graduate level course that focuses on using multilevel modeling techniques to analyze data from ambulatory assessment studies.
 - Spring 2017
 - Department of Biobehavioral Health, The Pennsylvania State University

Teaching Assistant

- September 2008 to December 2012 (intermittently)
- Department of Psychology and Social Behavior, University of California, Irvine

Courses:

- Adolescent Development
- Applied Statistics
- Child Development, the Law, and Social Policy
- Clinical Child Psychology
- Health Psychology
- Naturalistic Field Research
- Violence and Society

Guest Lectures

University of California, Irvine

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| Topic: Developmental and etiological considerations of childhood conduct problems | Fall 2011 |
| Course: Violence and Society | |
| Topic: Schemas, scripts, priming, development and aggression | Winter 2010 |
| Course: Violence and Society | |
| Topic: Oppositional defiant and conduct disorders | Fall 2009, Fall 2010 |
| Course: Clinical Child Psychology | |
| Topic: Work & leisure in adolescent development | Fall 2008 |
| Course: Adolescent Development | |

Professional Activity

The Pennsylvania State University

- Organizer
Complex Data Special Interest Group Monthly Meeting 2016-Present
- Program Committee 2014-2015
Society for Ambulatory Assessment Biennial Meeting

University of California, Irvine

- Co-organizer of informal Graduate Statistics Seminar (Stats n' Snacks) Fall 2011-Present
- Faculty Search Committee for Psychopathology and Health Tenure-Track Position—*Student Member* Fall 2010-Winter 2011
- Graduate Recruitment Coordinator Winter 2011
- American Psychology and Law Society Campus Representative for the University of California, Irvine 2009-2010

Ad-Hoc Reviewer: *Child Development, Psychological Science, Journal of Abnormal Psychology, Journal of Youth and Adolescence, Pediatrics, Annals of Behavioral Medicine, Applied Developmental Science, Developmental Psychology, Journal of Adolescence, Journal of Studies on Alcohol and Drugs, Prevention Science, Psychometrika, Journal of Consulting and Clinical Psychology, Social Psychiatry & Psychiatric Epidemiology, Drug and Alcohol Dependence*

Advanced Training

- An Introduction to Time-Varying Effect Modeling, 2-day workshop* June 2015
North Bethesda, MD, Instructors: Stephanie T. Lanza, Ph.D., Sara A. Vasilenko, Ph.D.
- Advanced Training Institute on Structural Equation Modeling in Longitudinal Research, 5-day workshop* June 2011
Davis, CA, Instructors: John J. McArdle, Ph.D., Emilio Ferrer, Ph.D., Kevin J. Grimm, Ph.D.
- Analysis of Longitudinal Dyadic Data, 3-day workshop* June 2010
State College, PA, Instructors: Niall Bolger, Ph.D. and Jean-Phillipe Laurenceau, Ph.D.
- Quantitative and Qualitative Mixed Methodology, 1-day workshop* December 2009

Riverside, CA, *Instructor*: Thomas Weisner, Ph.D.

Multilevel and Longitudinal Modeling, APS preconference 4-hour workshop May 2009
San Francisco, CA, *Instructor*: Don Hedeker, Ph.D.

Longitudinal Data Analysis, 2-day workshop April 2009
Philadelphia, PA, *Instructor*: Paul Allison, Ph.D.

Structural Equation Modeling, AP-LS preconference 4-hour workshop March 2009
San Antonio, TX, *Instructor*: Candice Odgers, Ph.D.