

RACHEL D. MCKINNON

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Neuroscience and Education Lab
Department of Applied Psychology
New York University Steinhardt School of Culture, Education, and Human Development
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EDUCATION

May 2017 (anticipated) Ph.D. in Developmental Psychology
New York University
Department of Applied Psychology
Dissertation committee: Drs. Clancy Blair (Chair), C. Cybele Raver, Erin O'Connor

May 2010 M.A. in Developmental Psychology
Teachers College, Columbia University
Thesis Advisor: Dr. Jeanne Brooks-Gunn

May 2004 B.S. in Family Studies and Human Development, summa cum laud
Arizona State University
Concentration in Child Development

HONORS/ AWARDS/ FUNDING

2015-2017 NYU-IES Predoctoral Interdisciplinary Research Training Program Fellow (\$60,000)
2016 NYU Global Research Initiative Summer Dissertation Writing Workshop, Paris, France

2014-2015 NYU-IES Predoctoral Interdisciplinary Research Training Program Affiliate (\$2000)
2013 Applied Psychology Summer Research Award (\$2500)
2012 Applied Psychology Summer Research Award (\$750)
2011-2015 Steinhardt Graduate Fellowship, Steinhardt School of Culture, Education and Human Development, NYU (\$81,000)

RESEARCH EXPERIENCE

2011 – Present Doctoral Graduate Assistant
Neuroscience and Education Laboratory
New York University
Advisors: Drs. Clancy Blair (Primary), C. Cybele Raver

2014 – 2016 Research Assistant
New York University
Effects of Early Childhood Programs on Children: A Comprehensive Meta-Analysis
PI: Dr. Hiro Yoshikawa

2016 Research Consultant
New York City Department of Education, Office of Assessment and Design
Gifted and Talented Assessment Program Digital Feasibility Study

- 2016 Research Intern
MDRC
*Expanding Children's Early Learning (ExCEL): Promoting Sustained Gains from
Preschool to Third Grade*
Supervisor: Dr. Michelle Maier
- 2009 Research Assistant
Teachers College, Columbia University
Early Head Start Research and Evaluation Project
Co-PI: Dr. Jeanne Brooks-Gunn
- 2004 – 2007 Faculty Research Assistant
University of Maryland, College Park
Temperament Over Time Study
PI: Dr. Nathan Fox
- 2002 – 2004 Undergraduate Research Assistant
Arizona State University
Toddler Emotional Development Study
Co-PIs: Drs. Nancy Eisenberg and Tracy Spinrad

PEER REFEREED PUBLICATIONS

Fitzpatrick, C. **McKinnon, R. D.**, Blair, C., & Willoughby, M. (2014). Do Preschool Executive Function Skills Explain the School Readiness Gap Between Advantaged and Disadvantaged Children? *Learning and Instruction* 30, 24 – 31. (5-year impact factor: 4.988)

Blair, C., **McKinnon, R. D.**, & the Family Life Project Investigators (2016). Executive Function, Effortful Control, and Teacher-Child Relationships: Predictors of Kindergartners' Early Math Skills. *Learning and Instruction*, 41, 85-93. (5-year impact factor: 4.988)

PEER REVIEW PAPERS UNDER REVIEW

Kuhn, L., Willoughby, M., Blair, C., & **McKinnon, R. D.** (under review). Examining an Executive Function Battery for Use with Preschool Children with Disabilities.

Li-Grining, C. P., **McKinnon, R. D.**, & Raver, C. C. (under review). Self-Regulation in middle childhood: The role of preschoolers' self-regulation and links to broader social adjustment.

PAPERS IN PREPARATION

McKinnon, R. D. & Blair, C. (2016). *Executive Function and Teacher-Child Relationships from Preschool to Second Grade: A Growth Curve Analysis*.

McKinnon, R. D., Friedman-Krauss, A. H., & Raver, C. C. (2016). *Is School Mobility a Risk Factor for Low-Income Children's Relationship with Their Teachers?: Trajectories from Head Start to 3rd Grade*.

CHAPTERS

Blair, C., & **McKinnon, R. D.** (2013). The experiential canalization model of executive function development: Implications for the origins and limits of intentionality in children. In G. Seebaß, M. Schmitz, & P. Gollwitzer (Eds.), *Acting Intentionally and Its Limits: Individuals, Groups, Institutions* (pp. 245-262). Berlin: DeGruyter.

CONFERENCE PRESENTATIONS

McKinnon, R. D. & Blair, C. (2016). Executive Function and Teacher-Child Relationships Predict Academic Achievement: A Cross-Lagged Panel Analysis. Poster presentation at the LEAD Graduate School and Research Network Research Retreat. Blaubeuren, Germany.

McKinnon, R. D. & Blair, C. (2015). *Children's Executive Function as a Predictor of Teacher-Child Relationships in Primary School*. Paper accepted for presentation at the biennial meeting of the Society for Research in Child Development, Philadelphia, Pennsylvania.

Mercante, B., **McKinnon, R. D.**, McNabb, A., Raver, C. C., & Blair, C. (2015) *Measuring Emotional Reactivity Among High-Risk Infants: How Urban and Rural Samples Compare*. Poster accepted for presented at the Eastern Psychological Conference, Philadelphia, Pennsylvania.

McKinnon, R. D., Blair, C., & Ursache, A. (2013) *Timing and change in early positive and negative parenting: predictors of growth in executive functioning in preschoolers*. Paper presented at the Cross-University Collaborative Mentorship Conference, New York, New York.

McKinnon, R. D., Blair, C., & Ursache, A. (2013) *Timing and change in early positive and negative parenting: predictors of growth in executive functioning in preschoolers*. Paper presented at the biennial meeting of the Society for Research in Child Development, Seattle, Washington.

Eberhart, J., **McKinnon, R. D.**, Mauger, C., Sinha, M., & Blair, C. (2012) *Using the FEX game as a measure of executive function: Correlations with effortful control and stress*. Poster presented at the Cross-University Collaborative Mentorship Conference, Newark, Delaware.

Soliman, M., **McKinnon, R. D.**, Tunvall, F., Kuznetsova, M., Willoughby, M., & Blair, C. (2012). *The measurement of executive functions in young children*. Poster presented at the biennial meeting for the Society for the Study of Human Development.

INVITED PRESENTATION

McKinnon, R. M. (2015, December 14). *Children's Executive Function as a Predictor of Teacher-Child Relationships in Primary School*. Invited presentation at the New York University Neuroscience and Education Laboratory Undergraduate Seminar. New York, NY.

TEACHING EXPERIENCE

2014 Teaching Assistant
New York University
Research Methods in Applied Psychology I (graduate level)
Instructor: Dr. Clancy Blair

2013 Grader
New York University
Topics in Advanced Quantitative Methods: Causal Inference (graduate level)
Instructor: Dr. Jennifer Hill

2003 – 2004 Teaching Assistant
Arizona State University
Research Methods (undergraduate level)
Instructors: Drs. Laura Hanish and Kimberly Updegraff

PROFESSIONAL SERVICE

Reviewer for *Learning and Instruction* and *Early Childhood Research Quarterly*.

PROGRAM SERVICE

2012-2013 Developmental Psychology Program Webmaster
2012-2014 Developmental Psychology Program Admissions Day Committee (2014, Chair)
2013-2014 Developmental Psychology Program Colloquium Organizer

PROFESSIONAL AFFILIATIONS

Society for Research in Child Development
University-Based Child and Family Policy Consortium

QUANTITATIVE SKILLS AND TRAINING

August 2016 SAS Training
New York, NY: NYU and MDRC

January 2016 Data Science and Social Science Workshop
New York, NY: IES-PIRT and PRIISM, NYU

May 2015 Applied Latent Class Analysis Workshop
New York, NY: American Psychological Society Conference

June 2013 Summer Institute: Modeling and Data Analysis with MPlus
Lawrence, KS: University of Kansas

Quantitative courses: Research Design and Method in the Behavioral Sciences; Intermediate Quantitative Methods; Factor Scoring; Structural Equation Modeling; Multi-Level Modeling: Nested Data; Multi-Level Modeling: Growth Curves; Topics in Advanced Quantitative Methods: Causal Inference; Advanced Quantitative Methods: Missing Data; Advanced Quantitative Methods: Clustering and Classification.

REFEREES

Clancy Blair, Ph.D.
Professor of Cognitive Psychology, New York University
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212-998-5853

C. Cybele Raver, Ph.D.
Professor and Vice Provost for Research and Faculty Affairs, New York University
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212-998-5519

Jeanne Brooks-Gunn, Ph.D.
Virginia & Leonard Marx Professor of Child Development & Education, Teachers College, Columbia University
Professor of Pediatrics, College of Physicians & Surgeons, Columbia University
Co-director, National Center for Children & Families
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