

Curriculum Vitae
Andrew D. Ribner

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EDUCATION AND TRAINING

Post-Doctoral Associate June 2019 – Present
Learning Research and Development Center, University of Pittsburgh, Pittsburgh, PA
Advisor: Melissa Libertus

Ph.D. Candidate (Developmental Psychology) Expected Completion Fall 2019
New York University, New York, NY
Dissertation: Executive Function Facilitates Students' Ability to Learn Mathematics in Early Elementary Grades (Committee: Clancy Blair (Chair), Catherine Tamis-LeMonda, & Joseph Cimpian)

B.A. (Biology, Psychology, Educational Psychology & Learning Theory) May 2014
Wesleyan University, Middletown, CT
Honors Thesis: What matters more? Examining socioeconomic disparities and predictors of early math ability (Advisor: Anna Shusterman)

PUBLICATIONS

Manuscripts Accepted for Publication in Peer-Reviewed Journals

Ribner, A., McHarg, G., & the New Father and Mothers Study Team. (2019). Why won't she sleep? Screen exposure and sleep patterns in early infancy. *Infant Behavior and Development*, 57. doi: 10.1016/j.infbeh.2019.101334.

Hughes, C., Foley, S., Devine, R. T., **Ribner, A.**, Kyriakou, L., Holmes, E., & The New Fathers and Mothers Study Team. Worrying in the wings: Mothers' and fathers' negative emotional birth memories show similar associations with perinatal mood disturbance. *Archive of Women's Mental Health*. Advance Online Publication. doi: 10.1007/s00737-019-00973-5.

Devine, R., **Ribner, A.**, & Hughes, C. Measuring and Predicting Individual Differences in Executive Functions at 14 Months. *Child Development*. Advance Online Publication. doi: 10.1111/cdev.13217

Ribner, A., Harvey, E, Gervais, R., & Fitzpatrick, C. (2019). Explaining school entry math and reading achievement in Canadian children using the Opportunity-Propensity framework. *Learning and Instruction*, 59, 65-75.

Slusser, E., **Ribner, A.**, & Shusterman, A. (2019). Language counts: Early language mediates the relationship between parent education and children's math ability. *Developmental Science*, 22(3), e12773.

Ribner, A., Moeller, K., Willoughby, M., Blair, C., & Family Life Project Key Investigators. (2018). Cognitive Abilities and Mathematical Competencies at School Entry. *Mind, Brain, and Education, 12*(4), 175-185.

Ribner, A., Willoughby, M., Blair, C., & FLP Key Investigators. (2017). Executive function predicts late elementary school academic skills. *Frontiers in Developmental Psychology, 8*.

Ribner, A., Fitzpatrick, C., & Blair, C. (2017). Family socioeconomic status moderates the association of television exposure with school readiness skills. *Journal of Developmental & Behavioral Pediatrics, 38*(3), 233-239.

Manuscripts Under Review

Ribner, A. Executive function facilitates learning from math instruction in kindergarten: Evidence from the ECLS-K. Manuscript under review at *Learning and Instruction*.

Hughes, C., Devine, R. T., Foley, S., **Ribner, A.,** Mesman, J., Blair, C., & The New Fathers and Mothers Study Team. Couples Becoming Parents: Wellbeing Trajectories and Buffering Effects of Social Support Across the Transition to Parenthood. Manuscript under revision at *Journal of Affective Disorders*.

McHarg, G., **Ribner, A.,** Devine, R., Hughes, C. & the New Fathers and Mothers Study Team. Exposure to screen-based media in infancy negatively affects executive functioning in toddlerhood: A propensity score study. Manuscript under review at *Infancy*.

Ribner, A., Linebarger, D., & Barr, R. Media Use and School Readiness Skills: Indirect Effects of Self-Regulation. Manuscript under review at *Pediatric Research*.

Ribner, A., Tamis-LeMonda, C. S., & Liben, L. S. Mothers' distancing language relates to young children's math and literacy skills. Manuscript under review at *Journal of Experimental Child Psychology*.

Braren, S., Brandes-Aitken, A., **Ribner, A.,** Perry, R., & Blair, C. Maternal Psychological Stress Moderates Diurnal Cortisol Linkage in Expectant Fathers and Mothers during the Last Trimester of Pregnancy. Manuscript under review at *Psychoneuroendocrinology*.

Braeuning, D., **Ribner, A.,** Moeller, K., Blair, C., & FLP Investigators. The multifactorial nature of early numeracy and its stability. Manuscript under review at *Child Development*.

Manuscripts in Preparation

Ribner, A., Braeuning, D., Moeller, K., Blair, C., & FLP Investigators. Early numerical competences predict later mathematical skills.

Ribner, A. Executive function predicts trajectory of mathematical skill development in early elementary grades: Evidence from latent growth mixture modeling.

Book Chapters

Ribner, A., & Gandhi, J. Effects of Media Use on School Readiness. In Van den Bulck, J. (Ed.) *The International Encyclopedia of Media Psychology*. Wiley-Blackwell. Invited entry under review.

Fitzpatrick, C., **Ribner, A.,** & Ragpot, L. Executive functions in the South African early grade learner: Foundations for student teachers. *Exploring South African Primary School Teacher Education*. Routledge. Invited entry under review.

GRANTS, FELLOWSHIPS, AND AWARDS

Pre-doctoral Fellow September 2014
Institute for Education Sciences Predoctoral Interdisciplinary Training Program

Recipient December 2016
Felix M. Warburg Memorial Award

Recipient April 2018
Bernard Katz Award

Fellow June 2018
NYU Global Research Initiative Dissertation Writing Fellowship

Recipient April 2019
NYU Steinhardt Outstanding Doctoral Student Teaching Award

CONFERENCE ACTIVITY/PARTICIPATION

Panels Organized

Moderators of the Development of Mathematical Skills. Symposium at the Biennial Meeting of the Society for Research in Child Development 2019, Baltimore, MD.

Development of Self-Regulation in Infancy and Toddlerhood. Symposium at the Biennial Meeting of the Society for Research in Child Development 2019, Baltimore, MD.

Developing Self-Regulation in the Transition to Parenthood: The New Fathers and Mothers Study. Symposium accepted for presentation at the International Congress of Infant Studies 2018, Philadelphia, PA.

Measurement and Implications of Psychophysiological and Perceived Stress in Early Development. Symposium at the International Society for Developmental Psychobiology 2017, Washington, D.C.

Media and Self-Regulation: Research and Implications for Policy and Practice. Symposium at the Biennial Meeting of the Society for Research in Child Development 2017, Austin, TX.

Underlying Executive Function Mechanisms for Math Learning. Symposium at the Biennial Meeting of the Society for Research in Child Development 2017, Austin, TX.

Peer-Reviewed Presentations

Ribner, A. (March 2019). Executive Function Facilitates Learning from Math Instruction. Paper presented at the Biennial Meeting of the Society for Research in Child Development 2019, Baltimore, MD.

Gilmore, C., **Ribner, A.**, Moeller, K., Blair, C., & FLP Investigators. (March 2019). Executive Function Facilitates Learning from Math Instruction. Paper presented at the Biennial Meeting of the Society for Research in Child Development 2019, Baltimore, MD.

Ribner, A., Blair, C. & the New Fathers and Mothers Study Team (July 2018). Domain-specificity in the intergenerational transmission of executive functions. Paper presented at the International Congress of Infant Studies 2018, Philadelphia, PA.

Ribner, A., McHarg, G., & the New Fathers and Mothers Study Team (July 2018). Exposure to screen-based media in infancy negatively affects executive functioning in toddlerhood: A propensity score study. Flash Talk presented at the International Congress of Infant Studies 2018, Philadelphia, PA.

Blum, M. *, **Ribner, A.**, Kyriakou, L., & Blair, C. (July 2018) Relations between parents' expressed emotions gathered from five-minute speech samples and children's executive functions. Poster presented at the International Congress of Infant Studies 2018, Philadelphia, PA.

Bonner, A. *, **Ribner, A.**, Maalouf, J. *, & Blair, C. (July 2018). Implicit construction of gender in parental descriptions of their infant children. Poster presented at the International Congress of Infant Studies 2018, Philadelphia, PA.

Ibrahim, D. *, **Ribner, A.**, Blair, C., & the New Fathers and Mothers Study Team (July 2018). A cross-cultural examination of life satisfaction among mothers of infants: The role of social status. Poster presented at the International Congress of Infant Studies 2018, Philadelphia, PA.

Kyriakou, L., **Ribner, A.**, Blair, C., & the New Fathers and Mothers Study Team (July 2018). Father's mental health predicts ratings of child's externalizing behavior, internalizing behavior, and dysregulation in toddlers. Poster presented at the International Congress of Infant Studies 2018, Philadelphia, PA.

Miranda, M. *, **Ribner, A.**, Finegood, E., Kyriakou, L., & Blair, C. (July 2018). Division of parental labor is associated with maternal relationship satisfaction. Poster presented at the International Congress of Infant Studies 2018, Philadelphia, PA.

Ribner, A., Braeuning, D., Moeller, K., Blair, C., & FLP Investigators (June 2018). Early numerical competencies predict later mathematical skills. Poster presented at the Mathematics Education Centre's 3rd Annual Symposium, Loughborough, UK.

* indicates advisement of undergraduate or master's student

Ribner, A., Blair, C., & NewFAMs Study Team (November 2017). Physiological and perceived stress in pregnancy predict toddler behavior regulation. Paper presented at the International Society for Developmental Psychobiology 2017, Washington, D.C.

Ribner, A., Blair, C., Willoughby, M., & FLP Investigators. (October 2017). Executive function facilitates learning from math instruction. Poster presented at the Biennial Meeting of the Cognitive Development Society 2017, Portland, OR.

Ribner, A., Willoughby, M., Finegood, E., Sulik, M., Blair, C., & FLP Investigators. (April 2017). Executive function predicts late elementary school academic skills. Paper presented at the Biennial Meeting of the Society for Research in Child Development 2017, Austin, TX.

Linebarger, D., **Ribner, A.,** Barr, R., Lapiere, M., & Piotrowski, J. (April 2017). Behavioral self-regulation mediates the relation between background TV and literacy skills. Paper presented at the Biennial Meeting of the Society for Research in Child Development 2017, Austin, TX.

Fitzpatrick, C., **Ribner, A.,** McKinnon, R., & Harvey, E. (April 2017). Extending the O-P Framework to explain kindergarten math and reading achievements for Canadian children. Paper presented at the Biennial Meeting of the Society for Research in Child Development 2017, Austin, TX.

Kyriakou, L., **Ribner, A.,** & Blair, C. (April 2017). Maternal depression predicts child temperament: Mediation by self-efficacy in the nurturing role. Poster presented at the Biennial Meeting of the Society for Research in Child Development 2017, Austin, TX.

Ribner, A., Fitzpatrick, C., & Blair, C. (October 2016). Executive Function Mediates the Negative Relation Between Television Exposure and Academic Skills. Poster presented at the Society for Research in Child Development Special Topics Meeting on Technology and Media in Child Development, Irvine, CA.

Ribner, A., Daneri, M.P., Blair, C., & FLP Investigators (July 2016). Physical punishment in early childhood is detrimental to preschool self-regulatory skills. Poster presented at the National Research Conference on Early Childhood, Washington, D.C.

Ribner, A., Daneri, M.P., Blair, C., & FLP Investigators (June 2016). Physical punishment in early childhood is detrimental to preschool self-regulatory skills. Paper presented at the Jean Piaget Society Annual Meeting, Chicago, IL.

Ribner, A. & Blair, C. (May 2016). Television exposure is associated with parent report of decreased sleep in 4-month-old infants. Poster presented at the International Conference on Infant Studies, New Orleans, LA.

Ribner, A., Shusterman, A., & Slusser, E. (October 2015). Preschool indicators of primary school math ability. Poster presented at the Biennial Meeting of the Cognitive Development Society 2015, Columbus, Ohio.

Ribner, A., Fitzpatrick, C., & Blair, C. (May 2015). Family socioeconomic status moderates the effect of television exposure on school readiness skills. Poster presented at the Biennial Meeting of the Cognitive Development Society 2015, Columbus, Ohio.

Ribner, A., Shusterman, A., & Slusser, E. (March 2015). Preschool indicators of primary school math ability. Poster presented at the Biennial Meeting of the Society for Research in Child Development 2015, Philadelphia, Pennsylvania.

Slusser, E., **Ribner, A.,** & Shusterman, A. (October 2013). An evaluation of social and individual influences on early math achievement. Poster presented at the Biennial Meeting of the Cognitive Development Society 2013, Memphis, TN.

Ribner, A. & Shusterman, A. (October 2013). Effects of asymmetry, boundary, and depth cues on reorientation children's reorientation. Poster presented at the Biennial Meeting of the Cognitive Development Society 2013, Memphis, TN.

INVITED CAMPUS TALKS

Ribner, A. (February 2019). Cognitive influences on the development of mathematical skills in the transition to school. Invited talk at University of Pittsburgh Developmental Brown Bag. Pittsburgh, PA.

Ribner, A. (February 2016). Cognitive and contextual contributors to the development of mathematic abilities. Invited talk at NYU Neuroscience and Education Collaborative. New York, NY.

Ribner, A. (December 2015). Family socioeconomic status moderates the effect of television exposure on school readiness skills. Invited presentation at the New York University Neuroscience and Education Laboratory Undergraduate Seminar. New York, NY.

TEACHING EXPERIENCE

Instructor January 2019 – May 2019
Children's Learning: Theory and Research, NYU

Adjunct Instructor September 2017 – December 2018
Labs for Research Methods I in Applied Psychology, NYU

Teaching Assistant August 2013 – December 2013
Research Methods in Cognitive Development and Education, Wesleyan University

Teacher June 2012 – August 2013
Kindergarten Kickstart

Instructor August 2012 – January 2013
Education Policy in the U.S., Wesleyan University

Instructor August 2012 – January 2013
Preschool Mathematical Development, Wesleyan University

RESEARCH EXPERIENCE

- Graduate Research Assistant* June 2014 – Present
Neuroscience and Education Lab, NYU
- Graduate Research Assistant* December 2015 – Present
Center for Research on Culture, Development, and Education, NYU
- Member* December 2015 - Present
Comprehensive Assessment of Family Media Exposure Consortium
- Research Assistant* January 2012 – May 2014
Cognitive Development Lab, Wesleyan University

PROFESSIONAL SERVICE

- Ad-hoc Reviewer*
Journal of Early Adolescence, Journal of Preventative Medicine Reports, Psychology and Neuroscience, Current Psychology, APA Division 15, PLoS One, Journal of Applied Developmental Psychology
- Professional Memberships*
Society for Research in Child Development, Cognitive Development Society, International Congress of Infant Studies, International Society for Developmental Psychobiology, Math Cognition and Learning Society
- Service to School and Department*
Institute of Human Development and Social Change *On The Ground* Education and Child Development section editor (2018-2019); Applied Psychology Undergraduate Committee member (2017-2019); Applied Psychology Undergraduate Senior Research Conference Student coordinator (2018-2019); Applied Psychology Department Colloquium organizer (2016-2017); Developmental Psychology Website coordinator (2015-2016)