Joseph A. Colantonio II

101 Warren Street, Newark, New Jersey 07102, USA
colantoniojoseph@gmail.com • (201) 774-4457

EDUCATION|

Rutgers University, Newark, New Jersey, USA

- Doctoral Candidate in Developmental Psychology — Sep 2018 – present
  - Advisor: Prof. Elizabeth Bonawitz, PhD
  - Cumulative GPA: 4.00 / 4.00

- M.A. in Psychology — Oct 2021

- Non-matriculating Graduate Student — Sep 2016 – Sep 2018

- B.A. in Mathematics — Sep 2012 – May 2016
  - Honors College, graduated Summa Cum Laude.
  - Awarded jointly by Rutgers Univeristy and New Jersey Institute of Technology.
  - Minors: Physics, Psychology
  - Cumulative GPA: 3.89 / 4.00

EXPERIENCE|

RESEARCH

Computational Cognitive Development Lab, Rutgers University - Newark

- Graduate Research Assistant — Sep 2018 – Present
  - Interests: Curiosity; Epistemic Emotions; Learning through Play; Social Cognition
  - Adviser: Prof. Elizabeth Bonawitz

- Post-bachelor Research Technician — Sep 2016 – May 2018
  - Project Interests: Children's Biological Reasoning; Social Context in Decision Making; Epistemic Emotions & Cognition
  - Adviser: Prof. Elizabeth Bonawitz

- Undergraduate Honors Research Student, Psychology Department — May 2014 – Aug 2016
  - Project Interests: Preschooler's Recursive Reasoning; Quantifying Preschooler's Theory of Mind
  - Advisers: Prof. Elizabeth Bonawitz and Prof. Patrick Shafto

TEACHING & MENTORSHIP

Psychology Department, Rutgers University - Newark

- Graduate Teaching Assistant — Sep 2020 – Present
  - Course: Statistical Methods for the Cognitive and Behavioral Sciences
- Course Coadjutant — Sep 2020 – Present
  - Course: Developmental Psychology

Psi Chi National Honor Society, Rutgers University - Newark

- Graduate Liason Executive Board Member — Aug 2020 – Present
  - Coordinate and lead chapter workshops meetings; Coordinate graduate-undergraduate mentorships.

NSF REU, Rutgers University - Newark — Feb 2020 – Aug 2020
  - Summer Intern Recruiter and Supervisor

Garden State-Louis Stokes Alliance for Minority Participation

- Peer-led Team Leader — Jan 2015 – May 2015
  - Mathematics: Calculus I (135) & II (136), Linear Algebra (350)
    Computer Science: Computers & Programming I (101) & II (102)

Mathematics Department, Rutgers University - Newark

- Teaching Apprentice — Sep 2014 – Dec 2014
  - Adviser: Prof. William Keigher
  - Course: Precalculus (Mathematics-114)

NEWS FEATURES|

- **Child Trends News Service - Postitive Parenting News Network**
  The Power of Awe Sparks Learning
- **Child & Family Blog**
  A New Idea For Early Learning In Pre-Schoolers: Inspire Them With Awe

AWARDS & SCHOLARSHIPS|

- NSF GRFP – Honorable Mention — Apr 2020
  National Science Foundation Fellowship award.

- Minority Biomedical Research Support Program — Sep 2018 – Aug 2020
  NIH-awarded graduate student research funding. Two-year term.

- Graduate Student Diversity Travel Award — Nov 2019
  Financial Aid for travel to the 2019 Cognitive Development Society Meeting.

- Graduate Student Travel Award — Jul 2018
  Financial Aid for travel to the Society for Philosophy and Psychology.

- Post-Baccalaureate Research Experience Program — Sep 2016 – May 2018
  Rutgers University - Newark
  NIH grant-funded program for student employment as a research technician.

- Dean's List — Sep 2012 – May 2016
  Rutgers University - Newark
  For attaining a semester GPA of at least 3.50.

- Charles Pine Interdisciplinary Award — 2016
  Rutgers University - Newark
  Inaugural recipient; for demonstrating outstanding excellence in physical science and mathematics.

- Phi Beta Kappa National Honor Society — Sep 2015

- Minority Biomedical Research Support Program — Sep 2015 – Aug 2016
  NIH-awarded undergraduate research scholar funding.

- Garden State-Louis Stokes Alliance for Minority Participation — Sep 2014

- Dan and Lisa DiFilippo Endowed Scholarship — Apr 2015– May 2016
  For demonstrating outstanding academic merit and financial need.

- Arthur B. Newman Honors College Scholars — Sep 2013 – May 2016
  For demonstrating outstanding academic merit and financial need.

PUBLICATIONS|

COMMENTARY

Persaud, K., I. Bass, Colantonio, J., Macias, C., and Bonawitz, E. (*in press*, 2020) Opportunities and Challenges Integrating Resource-Rational Analysis with Developmental Perspectives. [Peer commentary on "Resource-rational analysis: understanding human cognition as the optimal use of limited computational resources" by F. Lieder & T. L. Griffiths]. *Brain and Behavioral Sciences.*

MANUSCRIPTS

Colantonio, J., Durkin, K., Caglar, L. R., Shafto, P., and Bonawitz, E. (*in revision*) The Intentional Selection Assumption.

Kominsky, J., Begus, K., Bass, I., Colantonio, J., and Bonawitz, E. (*in prep*) Innovations and Adaptations of Developmental Research Methods for Online Environments.

Colantonio, J., Walden, Z., Dehrone, T., and Bonawitz, E. (*in prep*) Empowering Exploration: Learned Sharing Strategies Increase Variability in Preschoolers' Play.

CONFERENCE PROCEEDINGS

Colantonio, J., and Bonawitz, E. (2018) Awesome play: Awe increases preschooler's exploration and discovery, in *Proceedings of the 40th Annual Conference of the Cognitive Science Society.*, Madison, Wisconsin, USA, Aug 2018.

THESES

Colantonio, J. (2016) "Quantifying Children's Development Across Standard False-Belief Trials." *Rutgers University Undergraduate Honors Thesis.* Advisers: Elizabeth Bonawitz and Patrick Shafto.

PRESENTATIONS| TALKS

Colantonio, J., Bascandziev, I., Theobald, M., Brod, G. and Bonawitz, E. *"Theory-Based Bayesian Models of Elementary School Children's Pupillary Surprise,"* Symposium paper to be presented at Society for Research in Child Development, Wisconsin, USA. Mar 2021.(Conference to be held virtually due to COVID-19)

Colantonio, J., Sharp, S., Mackey, A., and Bonawitz, E. *"Promoting Question Asking to Foster Curiosity: An Intervention Study,"* Symposium paper to be presented at Society for Research in Child Development, Wisconsin, USA. Mar 2021.(Conference to be held virtually due to COVID-19)

Colantonio, J., and Bonawitz, E. *"Affecting play: Awe increases preschooler's exploration and discovery,"* Lightning Talk presented at the Curiosity, Explanation, Exploration Workshop, Princeton, New Jersey, USA. Jun 2019.

Colantonio, J., Walden, Z., Dehrone, T., and Bonawitz, E. *"When Innovators Succeed: Empowerment Strategies Increase Preschoolers' Exploration,"* Speed Talk presented at the Play and Learning Conference, Newark, USA May 2019.

Colantonio, J., and Bonawitz, E. *"Affecting play: Awe increases preschooler's exploration and discovery,"* Talk presented at the Society for Research in Child Development, Baltimore, Maryland, USA. Mar 2019.

Colantonio, J., and Bonawitz, E. *"Affecting play: Awe increases preschooler's exploration and discovery,"* Talk presented at the Society for Philosophy and Psychology, Ann Arbor, Michigan, USA. Jul 2018.

K. Blacker, Colantonio, J., LoBue, V., and Bonawitz, E. *"Reasoning about the process of illness transmission improves preschoolers' later avoidance of sick individuals,"* Talk presented at the Society for Research in Child Development., Austin, Texas, USA. Apr 2017.

POSTERS

Colantonio, J., Bascandziev, I., Theobald, M., Brod, G. and Bonawitz, E. *"Modeling pupillary surprise response in elementary school children with theory-based Bayesian models,"* Poster session presented at the 42nd Annual Conference of the Cognitive Science Society, Toronto, Canada. Aug 2020.(Conference held virtually due to COVID-19)

Colantonio, J., Walden, Z., Dehrone, T., and Bonawitz, E. *"When Innovators Succeed: Empowerment Strategies Increase Preschoolers' Exploration,"* Poster session presented at the 10th Biennial Meeting of the Cognitive Development Society, Kentucky, USA Nov 2019.

Colantonio, J., Walden, Z., Dehrone, T., and Bonawitz, E. *"When Innovators Succeed: Empowerment Strategies Increase Preschoolers' Exploration,"* Poster session presented at the Guided Playful Workshop of the 41st Annual Conference of the Cognitive Science Society, Montreal, Canada. Aug 2018.

Colantonio, J., and Bonawitz, E. "Awesome play: Awe increases preschooler's exploration and discovery," in *Proceedings of the 40th Annual Conference of the Cognitive Science Society.*, Madison, Wisconsin, USA. Aug 2018.

Durkin, K., Colantonio, J., Caglar, L., Bonawitz, E., and Shafto, P. *"Why are these my options? Roles of social inferences in choice behavior."* Poster session presented at the 10th Biennial Meeting of the Cognitive Development Society, Portland, Oregon, USA. Oct 2017.

Durkin, K., Colantonio, J., Caglar, L., Bonawitz, E., and Shafto, P. *"Why are these my options? Roles of social inferences in choice behavior."* Poster session presented at the 43rd Annual Meeting of the Society for Philosophy and Psychology, Baltimore, Maryland, USA. Jun 2017.

SKILLS|

Programming:	Python, MATLAB, Java
Software:	LaTeX, Microsoft Office, SPSS, Qualtrics, HitFilm, RMarkdown

[*CV compiled on 2021-05-25*]