

Drew H. Bailey, Ph.D.

Curriculum Vitae

University of California, Irvine
School of Education
Irvine, CA 92697

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RESEARCH INTERESTS

Children's mathematical development
Persistence and fadeout of the effects of educational interventions
Evolution of individual and sex differences

EDUCATION AND EMPLOYMENT

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| 2017-present | Associate Professor, School of Education and Department of Cognitive Sciences (by courtesy) University of California, Irvine |
| 2014-2017 | Assistant Professor, School of Education University of California, Irvine |
| 2012-2014 | IES Postdoctoral Fellow, Developmental Psychology Carnegie Mellon University Advisor: Robert S. Siegler |
| 2009-2012 | Ph.D., Developmental Psychology University of Missouri Minor: Psychological Statistics and Methods Committee: David C. Geary (chair), Mark Flinn, Craig Palmer, Amanda Rose, Phillip Wood Dissertation: <i>Personality and Reproductive Success in the Ache (Paraguay): Implications for the Evolution of Human Individual Differences</i> |
| 2007-2009 | M.A., Developmental Psychology University of Missouri Advisor: David C. Geary |
| 2003-2006 | B.A., Psychology University of Texas at Austin Minor: Linguistics |

FUNDING

NICHD Program Award (P01). "Human capital interventions across childhood and adolescence." 2015-2016, Co-Investigator (PD-Greg Duncan), \$4,667,050.

NSF Grant DRL-1321343. "ESCAPE: Equitable Science Curriculum Integrating Arts in Public Education." 2014-2017, Co-Investigator (PI-Brad Hughes), \$6,430,103.

HONORS AND AWARDS

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|-----------|---|
| 2016 | Mensa Education & Research Foundation and Mensa International, Ltd., Award for Excellence in Research |
| 2015-2016 | Dean's Honoree for Teaching Excellence, UC Irvine |
| 2015 | Rising Star, Association for Psychological Science |
| 2015 | Outstanding Reviewer Award, <i>AERA Open</i> |
| 2011 | Graduate Student Excellence Award Department of Psychological Sciences, University of Missouri |
| 2011 | Raymond White Dissertation Year Fellowship (\$5000), University of Missouri |
| 2010 | Fellow, John Merck Fund Summer Institute on the Biology of Developmental Disabilities, Cornell University |

PUBLICATIONS

PEER-REVIEWED JOURNAL ARTICLES

- J41 **Bailey, D. H.**, Duncan, G. J., Watts, T., Clements, D., & Sarama, J. (in press). Risky business: Correlation and causation in longitudinal studies of skill development. *American Psychologist*.
- J40 **Bailey, D. H.**, Duncan, G., Odgers, C., & Yu, W. (2017). Persistence and fadeout in the impacts of child and adolescent interventions. *Journal of Research on Educational Effectiveness*, 10, 7-39.

- J39 **Bailey, D. H.**, Hansen, N., & Jordan, N. C. (in press). The co-development of children's fraction arithmetic skill and fraction magnitude understanding. *Journal of Educational Psychology*.
- J38 **Bailey, D. H.**, Nguyen, T., Jenkins, J. M., Domina, T., Clements, D. H., & Sarama, J. S. (2016). Fadeout in an early mathematics intervention: Constraining content or pre-existing differences? *Developmental Psychology*, *52*, 1457-1469.
- J37 Watts, T. W., Clements, D. H., Sarama, J., Wolfe, C. B., Spitler, M. E., & **Bailey, D. H.** (2017). Does early mathematics intervention change the processes underlying children's learning? *Journal of Research on Educational Effectiveness*, *10*, 96-115.
- J36 **Bailey, D. H.** & Littlefield, A. K. (2016). Does reading cause later intelligence? Accounting for stability in models of change. *Child Development*.
- J35 Schenke, K., Rutherford, T., Lam, A. C., & **Bailey, D. H.** (2016). Construct confounding among predictors of mathematics achievement. *AERA Open*, *2*, 2332858416648930.
- J34 Puts, D. A., Hill, A. K., **Bailey, D. H.**, Walker, R. S., Rendall, D. Wheatley, J. R., Welling, L. L. M., Dawood, K., Cárdenas, R., Burriss, R. P., Jablonski, N. G., Shriver, M. D., Weiss, D., Lameira, A. R., Apicella, C. L., Owren, M. J., Barelli, C., Glenn, M. E., & Ramos-Fernandez, G. (2016). Sexual selection on male vocal fundamental frequency in humans and other anthropoids. *Proceedings of the Royal Society of London B: Biological Sciences*, *283*, 20152830.
- J33 Stoet, G., **Bailey, D. H.**, Moore, A. M., & Geary, D. C. (2016). Countries with higher levels of gender equality show larger national sex differences in mathematics anxiety and relatively lower parental mathematics valuation for girls. *PLoS ONE*, *11*, e0153857.
- J32 Ellsworth, R. M., Shenk, M. K., **Bailey, D. H.**, & Walker, R. S. (2016). Comparative study of reproductive skew and pair-bond stability using genealogies from 80 small-scale human societies. *American Journal of Human Biology*, *28*, 335-342.
- J31 **Bailey, D. H.**, Zhou, X., Zhang, Y., Cui, J., Fuchs, L. S., Jordan, N. C., Gersten, R., & Siegler, R. S. (2015). Development of fraction concepts and procedures in U.S. and Chinese children. *Journal of Experimental Child Psychology*, *129*, 68-83.
- J30 Martin, E. A., Cicero, D. C., **Bailey, D. H.**, Karcher, N. R., & Kerns, J. G. (2016). Social anhedonia is not just extreme introversion: Empirical evidence of distinct constructs. *Journal of Personality Disorders*, *30*, 451-468.
- J29 Walker, R. S., Yvinec C., Ellsworth, R. M., & **Bailey, D. H.** (2015). Co-father relationships among the Suruí (Paiter) of Brazil. *PeerJ*, *3*, e899.

- J28 **Bailey, D. H.**, Watts, T. W., Littlefield, A. K., & Geary, D. C. (2014). State and trait effects on individual differences in children's mathematical development. *Psychological Science*, 25, 2017-2026.
- Relevant piece: Bailey, D. H.* What's the point of teaching math in preschool? *The Brown Center Chalkboard*, retrieved from <http://www.brookings.edu/research/papers/2014/11/13-chalkboard-preschool-math-bailey>.
- J27 Fazio, L. K., **Bailey, D. H.**, Thompson, C. A., & Siegler, R. S. (2014). Relations of different types of numerical magnitude representations to each other and to mathematics achievement. *Journal of Experimental Child Psychology*, 123, 53-72.
- J26 **Bailey, D. H.**, Siegler, R. S., & Geary, D. C. (2014). Early predictors of middle school fraction knowledge. *Developmental Science*, 17, 775-785.
- J25 Li, Y., **Bailey, D. H.**, Winegard, B., Puts, D. A., Welling, L. L. M., & Geary, D. C. (2014). Women's preference for masculine traits is disrupted by images of male-on-female aggression. *PLoS ONE*, 9, e110497.
- J24 **Bailey, D. H.**, Hill, K. R., & Walker, R. S. (2014). Fitness consequences of spousal relatedness in 46 small-scale societies. *Biology Letters*, 10, 20140160.
- J23 Ellsworth, R. M., Walker, R. S., **Bailey, D. H.**, Hill, K. R., & Hurtado, A. M. (2014). Relatedness, co-residence, and shared fatherhood among Ache foragers of Paraguay. *Current Anthropology*, 55, 647-653.
- J22 Walker, R. S., & **Bailey, D. H.** (2014). Marrying kin in small-scale societies. *American Journal of Human Biology*, 26, 384-388.
- J21 Wheatley, J. R., Apicella, C. A., Burriss, R. P., Cárdenas, R. A., **Bailey, D. H.**, Welling, L. L. M., & Puts, D. A. (2014). Women's faces and voices are cues to reproductive potential in industrial and forager societies. *Evolution and Human Behavior*, 35, 264-271.
- J20 Siegler, R. S., Fazio, L. K., **Bailey, D. H.**, & Zhou, X. (2013) Fractions: The new frontier for theories of numerical development. *Trends in Cognitive Sciences*, 17, 13-19.
- J19 Geary, D. C., Hoard, M. K., Nugent, L., & **Bailey, D. H.** (2013). Adolescents' functional numeracy is predicted by their school entry number system knowledge. *PLoS ONE*, 8, e54651.
- J18 **Bailey, D. H.**, Walker, R. S., Blomquist, G. E., Hill, K. R., Hurtado, A. M. & Geary, D. C. (2013). Heritability and fitness correlates of personality in the Ache, a natural-fertility population in Paraguay. *PLoS ONE*, 8, e59325.

- J17 Puts, D. A., **Bailey, D. H.**, Cárdenas, R. A., Burriss, R. P., Welling, L. L., Wheatley, J. R., & Dawood, K. (2013). Women's attractiveness changes with estradiol and progesterone across the ovulatory cycle. *Hormones and Behavior*, 63, 13-19.
- J16 Walker, R. S., & **Bailey, D. H.** (2013). Body counts in lowland South American violence. *Evolution & Human Behavior*, 34, 29-34.
- J15 Ellsworth, R. M., & **Bailey, D. H.** (2013). Human female orgasm as evolved signal: A test of two hypotheses. *Archives of Sexual Behavior*, 42, 1545-1554.
- J14 **Bailey, D. H.**, Hoard, M. K., Nugent, L., & Geary, D. C. (2012). Competence with fractions predicts gains in mathematics achievement. *Journal of Experimental Child Psychology*, 113, 447-455.
- J13 **Bailey, D. H.**, Littlefield, A., & Geary, D. C. (2012). The co-development of skill at and preference for use of retrieval-based processes for solving addition problems: Individual and sex differences from first to sixth grade. *Journal of Experimental Child Psychology*, 113, 78-92.
- J12 Geary, D. C., Hoard, M. K., Nugent, L., & **Bailey, D. H.** (2012). Mathematical cognition deficits in children with learning disabilities and persistent low achievement: A five year prospective study. *Journal of Educational Psychology*, 104, 206-223.
- J11 **Bailey, D. H.**, Hamilton, M. J. & Walker, R. S. (2012). Latitude, population size, and the language-farming dispersal hypothesis. *Evolutionary Ecology Research*, 14, 1057-1067.
- J10 Martin, E. A., **Bailey, D. H.**, Cicero, D. C., & Kerns, J. G. (2012). Social networking profile correlates of schizotypy. *Psychiatry Research*, 200, 641-646.
- J9 *Jašarević, E., **Bailey, D. H.**, Crossland, J. P., Dawson, W. D., Szalai, G., Ellersieck, M. R., Rosenfeld, C. S., & Geary, D. C. (2012). Evolution of monogamy, parental investment, and female life history in *Peromyscus*. *Journal of Comparative Psychology*, 127, 91-102.
*EJ and DHB contributed equally
- J8 **Bailey, D. H.**, Winegard, B., Oxford, J., & Geary, D. C. (2012). Sex differences in in-group cooperation vary dynamically with competitive conditions and outcomes. *Evolutionary Psychology*, 10, 102-119.
- J7 Geary, D. C., Hoard, M. K., & **Bailey, D. H.** (2011). Fact retrieval deficits in low achieving children and children with mathematical learning disability. *Journal of Learning Disabilities*, 45, 291-307.
- J6 **Bailey, D. H.**, Durante, K. M., & Geary, D. C. (2011). Men's perception of women's attractiveness is calibrated to relative mate value and dominance of the women's partner. *Evolution & Human Behavior*, 32, 138-146.

- J5 Eriksson, K., **Bailey, D. H.**, & Geary, D. C. (2010). The grammar of approximating number pairs. *Memory & Cognition*, 38, 333-343.
- J4 Puts, D. A., Cárdenas, R. A., **Bailey, D. H.**, Burriss, R. P. Jordan, C. L., & Breedlove, S. M. (2010). Salivary testosterone does not predict mental rotation performance in men or women. *Hormones and Behavior*, 58, 282-289.
- J3 Geary, D. C., **Bailey, D. H.**, Littlefield, A., Wood, P., Hoard, M. K., & Nugent, L. (2009). First-grade predictors of mathematical learning disability: A latent class trajectory analysis. *Cognitive Development*, 24, 411-429.
- J2 Geary, D. C., **Bailey, D. H.**, & Hoard, M. K. (2009). Predicting mathematical achievement and mathematical learning disability with a simple screening tool: The number sets test. *Journal of Psychoeducational Assessment*, 27, 265-279.
- J1 **Bailey, D. H.**, & Geary, D. C. (2009) Hominid brain evolution: Testing climactic, ecological, and social competition models. *Human Nature*, 20, 67-79.

BOOK CHAPTERS

- B5 **Bailey, D. H.** (in press). Correlational data analysis in cognitive development: The primacy of risky tests. In: *Cognitive Development from a Strategy Perspective: A Festschrift for Robert Siegler*. Lemaire, P. (ed.). Taylor & Francis.
- B4 Hill, A. K., **Bailey, D. H.**, & Puts, D. A. (2017). Gorillas in our midst? Human sexual dimorphism and contest competition in men. In: *On Human Nature: Biology, Psychology, Ethics, Politics, and Religion*. Tibayrenc, M. and Ayala, F.J. (eds.). Academic Press, 235-249. <http://dx.doi.org/10.1016/B978-0-12-420190-3.00015-6>
- B3 Puts, D. A., **Bailey, D. H.**, & Reno, P. (2015). Contest competition in men. In Buss, D. M. (Ed.), *The Handbook of Evolutionary Psychology*, 2nd ed. (pp. 385-402). Hoboken, NJ: Wiley.
- B2 Geary, D. C., Hoard, M. K., & **Bailey, D. H.** (2011). How SLD manifests in mathematics. In Flanagan, D. P., & Alfonso, V. C. (Eds.), *Essentials of Specific Learning Disability Identification* (pp. 43-64). Hoboken, NJ: Wiley.
- B1 Geary, D. C., **Bailey, D. H.**, & Oxford, J. K. (2011). Reflections on the human family. In C. A. Salmon & T. K. Shackelford (Eds.), *Oxford Handbook of Evolutionary Family Psychology* (pp. 365-385). New York: Oxford University Press.

COMMENTARIES

- C7 **Bailey, D. H.** (2017). Causal Inference and the Spatial-Math Link in Early Childhood. *Monograph of the Society for Research in Child Development*, 82, 127-136.
- C6 Del Giudice, M., Lippa, R. A., Puts, D. A., **Bailey, D. H.**, Bailey, J. M., & Schmitt, D. P. (2016). Joel et al.'s method systematically fails to detect large, consistent sex differences. *Proceedings of the National Academy of Sciences USA*.

- C5 **Bailey, D. H.**, Ellingson, J. M., & Bailey, J. M. (2014). Genetic confounds in the study of sexual orientation: Comment on Roberts, Glymour, and Koenen (2014). *Archives of Sexual Behavior*.
- C4 **Bailey, D. H.**, & Bailey, J. M. (2013). Poor instruments lead to poor inferences: Comment on Roberts, Glymour, and Koenen (2013). *Archives of Sexual Behavior*, 42, 1649-1652.
- C3 **Bailey, D. H.**, Lippa, R. A., Del Giudice, M., Hames, R., & Geary, D. C. (2012). Methodological problems in Hoffman et al. *Proceedings of the National Academy of Sciences USA*, 109, E583.
- C2 Winegard, B., **Bailey, D. H.**, Oxford, J. K., & Geary, D. C. (2010). Trade-offs and individual differences in evolved traits. *American Psychologist*, 65, 928-929.
- C1 **Bailey, D. H.**, Oxford, J. K., & Geary, D. C. (2009). Ultimate and proximate influences on human sex differences. *Behavioral and Brain Sciences*, 32, 266-267.

BOOK REVIEWS

- R2 Geary, D. C., **Bailey, D. H.**, & Winegard, B. (2012). Strategic cooperation and the rise of the modern world. *PsycCRITIQUES*, 54.
- R1 **Bailey, D. H.**, Winegard, B., & Geary, D. C. (2010). Not father's fatherhood book. *Evolutionary Psychology*, 8, 336-339.

TALKS AND PRESENTATIONS

INVITED TALKS

- Bailey, D. H.** (2017, July). *Explanations and implications of diminishing intervention impacts across time*. Invited talk, Hector and LEAD Institutes, Tübingen, Germany.
- Bailey, D. H.** (2017, May). *Explanations and implications of diminishing intervention impacts across time*. Invited talk, Math Cognition Conference, Nashville, Tennessee.
- Bailey, D. H.**, Duncan, G., Watts, T. W., Clements, D. H., & Sarama, J. (2016, September). *Risky Business: Correlation and Causation in Longitudinal Studies of Skill Development*. Invited talk, Conference of the International Mind, Behavior, and Education Society, Toronto, Canada.
- Bailey, D. H.** (2016, September). *Risky Business: Correlation and Causation in Longitudinal Studies of Skill Development*. Invited talk, Experimental Psychology Proseminar Series, University of Nevada, Las Vegas.

- Bailey, D. H.** (2016, June). *Correlational data analysis in cognitive development: The primacy of risky tests*. Invited talk, Cognitive Development: Hommage to Robert S. Siegler, Aix-Marseille Université, Aix-en-Provence, France.
- Bailey, D. H.** (2016, March). *A framework for understanding fadeout and persistence in early childhood educational interventions*. Invited talk, ZiF Center for Interdisciplinary Research, Universität Bielefeld, Bielefeld, Germany.
- Bailey, D. H.** (2015, March). *Reconciling correlational and experimental findings to understand children's mathematical development: Implications for theory, research, and educational policy*. Invited colloquium, Department of Psychology and Social Behavior, University of California, Irvine.
- Bailey, D. H.** (2015, February). *Reconciling correlational and experimental findings to understand children's mathematical development: Implications for theory, research, and educational policy*. Invited talk, Cognitive Forum, Department of Psychology, University of California, Los Angeles.
- Bailey, D. H.** (2014, October). *Underlying trait effects in children's mathematical development: Implications for understanding fade-out of early childhood intervention effects*. Invited colloquium, Department of Psychology, University of California, San Diego.
- Bailey, D. H.** (2014, May). *State and trait effects on individual differences in children's mathematical development*. Invited talk, School of Education, University of Glasgow, Glasgow, Scotland.
- Bailey, D. H.** (2013, May). *Why do humans differ? Implications from a study of personality in the Ache, a natural-fertility population in Paraguay*. Invited talk, Department of Psychology, Knox College, Galesburg, IL.
- Bailey, D. H., Hoard, M. K., Nugent, L., & Geary, D. C.** (2012, October). *Determining which children with low math achievement have a mathematical learning disability: Evidence from a longitudinal study from kindergarten to grade 7*. Invited talk, annual conference of the International Dyslexia Association, Baltimore, MD.
- Geary, D. C., Hoard, M. K., Nugent, L., & **Bailey, D. H.** (2012, May). *Mathematical cognition deficits in children with learning disabilities and persistent low achievement: A five year prospective study*. Invited talk, annual meeting of the Midwest Psychological Association, Chicago, IL.
- Geary, D. C., Hoard, M. K., Nugent, L., **Bailey, D. H.**, & Wood, P. (2008, May). *Cognitive Deficits in Children with Mathematical Learning Disability: A Longitudinal, Latent Class Analysis*. Invited talk Institute of Education, University of London. London, UK.

CONFERENCE TALKS

- Bailey, D. H.**, & Littlefield, A. K. (2015, September). *Does reading cause later intelligence? Accounting for stability in models of change*. Spoken presentation given at the annual meeting of the International Society for Intelligence Research, Albuquerque, New Mexico.
- Bailey, D. H.**, Hansen, N., & Jordan, N. C. (2015, August). *The Co-Development of Children's Fraction Arithmetic Skill and Fraction Magnitude Understanding*. Spoken presentation given at the meeting of the European Association for Research on Learning and Instruction, Limassol, Cyprus.
- Bailey, D. H.**, Nguyen, T., Jenkins, J. M., Domina, T., Clements, D. H., Sarama, J., Wolfe, C. B., & Spitler, M. E. (2015, March). *Fadeout in an Early Mathematics Intervention: Same Old Schools or Underlying Skills?* Spoken presentation given at the Society for Research in Educational Effectiveness, Washington, D.C.
- Bailey, D. H.** (2014, April). *The centrality of fractions to mathematics learning*. Spoken presentation given at the annual convention of the Council for Exceptional Children, Philadelphia, PA.
- Fazio, L. K., **Bailey, D. H.**, Thompson, C. A., & Siegler, R. S. (2013, April). *Relations of symbolic and non-symbolic fraction and whole number magnitude representations to each other and to mathematics achievement*. Paper presented at the Society for Research on Child Development, Seattle, WA.
- Wheatley, J. R., Apicella, C. A., Burriss, R. P., Cárdenas, R. A., **Bailey, D. H.**, Welling, L. L. M., & Puts, D. A. (2012, December). *Women's Voices and Faces Signal Fertility in Industrial and Foraging Populations*. Paper presented at the 26th Annual Australasian Society for Human Biology Conference, Port Vila, Vanuatu.
- Bailey, D. H.**, Guerra, K. & Walker, R. S. (2012, June). *How and why do cultures differ? Cultural similarity and the question of vertical or horizontal transmission*. Paper presented at the Human Behavior and Evolution Society, Albuquerque, NM.
- Puts, D. A., **Bailey, D. H.**, Cárdenas, R. A., Burriss, R. P., Welling, L. L. M., & Wheatley, J. R. (2012, June). *Estradiol and progesterone predict menstrual cycle changes in women's vocal attractiveness*. Paper presented at the Human Behavior and Evolution Society, Albuquerque, NM.
- Walker, R. S., & **Bailey, D. H.** (2012, June). *Body counts in Amazonian violence*. Paper presented at the Human Behavior and Evolution Society, Albuquerque, NM.
- Wheatley, J. R., Apicella, C. A., Burriss, R. P., Cárdenas, R. A., **Bailey, D. H.**, Welling, L. L. M., & Puts, D. A. (2012, June). *Female mate quality predicts vocal attractiveness in industrial and foraging populations*. Paper presented at the Human Behavior and Evolution Society, Albuquerque, NM.
- Bailey, D. H.**, Geary, D. C., Walker, R. S., Blomquist, G. E., & Hill, K. R. (2011, July). *Personality and reproductive success in the Ache (Paraguay): Implications for the evolution*

of human individual differences. Paper presented at the Human Behavior and Evolution Society, Montpellier, France.

Geary, D. C., Hoard, M. K., Nugent, L., & **Bailey, D. H.** (2011, March). *Missouri longitudinal study of mathematical development and disability: Predictors of long-term mathematical disability*. Symposium presentation, biannual meeting of Society for Research in Child Development, Montreal, Canada.

Bailey, D. H., & Geary, D. C. (2009, May). *Hominid brain evolution: Testing climactic, ecological, and social competition models*. Paper presented at the Human Behavior and Evolution Society, Fullerton, CA.

Jasarevic, E., **Bailey, D. H.**, Atkisson, C., & Shenk, M.K. (2009, May) *Toward an ultimate-level explanation of Male Androphilia: Review, Critique, and Directions*. Paper presented at the Human Behavior and Evolution Society, Fullerton, CA.

PROFESSIONAL ACTIVITIES

ACADEMIC SERVICE

Associate Editor

Developmental Psychology (2014-present)

Editorial Board

AERA Open (2014-present)

American Psychologist (2016-present)

Archives of Sexual Behavior (2010-present)

Evolution & Human Behavior (2015-present)

Frontiers in Developmental Psychology (2016-2017)

Journal Referee

Adaptive Human Behavior and Physiology; AERA Open; American Educational Research Journal; American Psychologist; Animal Behaviour; Archives of Sexual Behavior; Assessment; Canadian Journal of Behavioural Science; Canadian Journal of Experimental Psychology; Child Development; Cognition; Cognitive Development; Cognition and Instruction; Contemporary Educational Psychology; Educational Researcher; Current Anthropology; Current Directions in Psychological Science; Developmental Psychology; Developmental Review; Developmental Science; The Elementary School Journal; Ethology; Evolution & Human Behavior; Evolutionary Psychological Science; Evolutionary Psychology; Frontiers in Developmental Psychology; Hormones and Behavior; Human Nature; Intelligence; International Journal of Sexual Health; Journal of Abnormal Child Psychology; Journal of Educational Psychology; Journal of Experimental Child Psychology; Journal of Experimental Psychology: General; Journal of Experimental Psychology: Learning, Memory, and Cognition; Journal of Homosexuality; Journal of Learning Disabilities; Journal of Research on Educational Effectiveness; Journal of Social and Clinical Psychology; Learning and Individual Differences; Learning and Instruction; Mathematical Thinking and Learning; Mind, Brain, and Education; Monographs of the Society for Research in Child Development; Personality and Individual Differences; Personality and Social Psychology Bulletin;

PLoS ONE; Proceedings of the National Academy of Sciences USA; Proceedings of the Royal Society B — Biological Sciences; Psychological Science; Psychonomic Bulletin & Review; SAGE Open; Socioaffective Neuroscience & Psychology; WIREs Cognitive Science

Conference Referee

Society for Research on Educational Effectiveness

University Committees and Appointments

Co-director for *UCI SERI Program* (Rossella Santagata, PI, funded through the UC-HBCU Initiative of the University of California Office of the President), School of Education, UC Irvine (2016)

Interim graduate advisor, School of Education, UC Irvine (2015-2016)

Member, *Council on Planning and Budget*, UC Irvine (2015-2018)

Member, *Undergraduate Steering Committee*, School of Education, UC Irvine (2015-present)

Member, *Executive Committee*, School of Education, UC Irvine (2015-present)

Member, *Search Committee for the Dean of the School of Education*, UC Irvine (2015)

Member, *Council on Undergraduate Admissions and Relations with Schools*, UC Irvine (2015)

TEACHING

I have been an instructor for the courses listed below.

University of California, Irvine:

Cognition & Learning in Educational Settings (Undergraduate)

Educational Research Design (Undergraduate)

Epistemology and Research Methods (Ph.D.)

Psychology of Learning, Abilities, and Intelligence (Undergraduate)

Theories of Development and Learning Applied to Education (Undergraduate)

University of Missouri:

Research Methods (Undergraduate)

MISCELLANEOUS

FIELDWORK

Personality in Ache forager-horticulturists, eastern Paraguay, July, 2010

SELECTED MEDIA COVERAGE

Washington Post, *"Preschool can provide a boost, but the gains can fade surprisingly fast,"* by Drew Bailey, Greg Duncan, and Candice Odgers, 17 February, 2017. Retrieved from https://www.washingtonpost.com/posteverything/wp/2017/02/17/preschool-can-provide-a-boost-but-the-gains-can-fade-surprisingly-fast/?utm_term=.9372fb6ee6b3

Mervis, J. (2017). No easy answers. *Science*, 355, 568-571.

Daniel Willingham's Blog, *"Why Do Intervention Effects Fade"*, August 21, 2016
<http://www.danielwillingham.com/daniel-willingham-science-and-education-blog/why-do-intervention-effects-fade>

Education Week, *"Studies explore reasons for 'fade-out' effect"* by Sarah D. Sparks, January 26, 2016.
<http://www.edweek.org/ew/articles/2016/01/27/studies-explore-reasons-for-fade-out-effect.html>

Education Week Blog, 3 part series called *"Focus on Fade-Out"*, by Sarah D. Sparks, January, 2016

Part 1: http://blogs.edweek.org/edweek/inside-school-research/2016/01/fadeout_series_1_education_problems.html

Part 2: http://blogs.edweek.org/edweek/inside-school-research/2016/01/fade-out_2_faltering_education.html

Part 3: http://blogs.edweek.org/edweek/inside-school-research/2016/01/fade-out_3_keys_education_improvements_that_last.html

Boston Globe, *"Could small tweaks reap big rewards in math education?"* by Kevin Hartnett, 26 July, 2015.

<http://www.bostonglobe.com/ideas/2015/07/25/can-small-tweaks-mean-big-stridesin-math-prociency/bQbj9b22OV0h0WmmsAoUKM/story.html#skip-target1>

Wall Street Journal, *"Farewell to the Myth of the Noble Savage,"* by Matt Ridley, 25 January, 2013.

<http://online.wsj.com/article/SB10001424127887323940004578257720972109636.html>

Discover Magazine, *"If modern humans are so smart, why are our brains shrinking?"* by Kathleen McAuliffe, September 2010 Issue.

http://discovermagazine.com/2010/sep/25-modern-humans-smart-why-brain-shrinking/article_view?b_start:int=1&-C=