

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

EDUCATION AND EMPLOYMENT

- | | |
|--------------|--|
| 2017-present | Associate Professor, School of Education
Department of Cognitive Sciences (by courtesy)
Department of Psychological Science (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

Jacobs Early Career Research Fellowship. 2019-2021. \$150,000

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

HONORS AND AWARDS

2019-2021	Jacobs Early Career Research Fellowship
2015 and 2018	Outstanding Reviewer Award, <i>AERA Open</i>
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
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

- J47 Watts, T. W., **Bailey, D. H.**, & Li, C. (in press). Aiming Further: Addressing the Need for High Quality Longitudinal Research in Education. *Journal of Research on Educational Effectiveness*.
- J46 Nguyen, T., Duncan, R. J., & **Bailey, D. H.** (2019). Theoretical and methodological implications of associations between executive function and mathematics in early childhood. *Journal of Contemporary Educational Psychology*, 58, 276-287.

- J45 Castro, M. K., **Bailey, D. H.** Zinger, J. F., & Martin, E. A. (in press). Late electrophysiological potentials and emotion in schizophrenia: A meta-analytic review. *Schizophrenia Research*.
- J44 **Bailey, D. H.**, Fuchs, L. S., Gilbert, J. K., Geary, D. C., & Fuchs, D. (in press). Prevention: Necessary but insufficient? A two-year follow-up of effective first-grade mathematics intervention. *Child Development*.
- J43 Kang, C., Duncan, G. J., Clements, D., & Sarama, J., & **Bailey, D. H.** (2019). The roles of transfer of learning and forgetting in the persistence and fadeout of early childhood mathematics interventions. *Journal of Educational Psychology*, *111*, 590-603.
- J42 Jünger, J., Motta-Mena, N. V., Cardenas, R., **Bailey, D. H.**, Rosenfield, K. A., Schild, C., Penke, L., & Puts, D. A. (2018). Do women's preferences for masculine voices shift across the ovulatory cycle? *Hormones and Behavior*, *106*, 122-134. doi: 10.1016/j.yhbeh.2018.10.008
- J41 **Bailey, D. H.**, Duncan, G. J., Watts, T., Clements, D., & Sarama, J. (2018). Risky business: Correlation and causation in longitudinal studies of skill development. *American Psychologist*, *73*, 81-94.
- 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. (2017). The co-development of children's fraction arithmetic skill and fraction magnitude understanding. *Journal of Educational Psychology*, *109*, 509-519.
- 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. (2017). Does reading cause later intelligence? Accounting for stability in models of change. *Child Development*, *88*, 1913-1921.
- 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

- B6 **Bailey, D. H.** (2019). Explanations and Implications of Diminishing Intervention Impacts across Time. In: *Cognitive Foundations for Improving Mathematical Learning, Volume 5*. Geary, D., Berch, D., & Koepke, K. M. (eds.). Academic Press.
- B5 **Bailey, D. H.** (2018). 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.), pp. 194-206. Routledge.
- 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.** (2019, May). *Treatment effect forecasting: What is it, and why should you care?*. Invited talk, Meeting for the Association of Psychological Science, Washington, D.C.
- Bailey, D. H.** (2019, April). *Developmental theory, intervention, and measurement as mutually reinforcing sources of evidence*. Invited talk, Skelton Lecture Series, Department of Psychological Sciences, Texas Tech University.
- Bailey, D. H.** (2018, October). *How to more effectively falsify your most precious developmental hypotheses*. Invited talk, Advanced Methodologies at Purdue: Behavioral, Health, and Social Sciences Conference.
- Bailey, D. H.** (2018, June). *Explanations and implications of diminishing intervention impacts across time*. Invited talks,
Department of Psychology and Behavioral Science, Zhejiang University, Hangzhou, China;
State Key Laboratory of Cognitive Neuroscience and Learning, Beijing Normal University, Beijing, China;
Department of Psychology, Peking University, Beijing, China;
Institute of Psychology, Chinese National Academy of Sciences, Beijing, China.
- Bailey, D. H.** (2018, March). *Early academic skill-building: Developmental processes and implications for intervention*. Invited talk, Annual Conference of the Center for Child Well-Being & Development, University of Zürich.
- 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.

CONFERENCE TALKS

Bailey, D. H., Oh, Y., Farkas, G., Morgan, P., & Hillemeier, M. (2019, March). *Reciprocal Effects of Reading and Mathematics? Beyond the Cross-Lagged Panel Model*. Paper presented at the Society for Research on Educational Effectiveness, Washington, D.C.

Bailey, D. H., Duncan, G. J., Watts, T., Clements, D., & Sarama, J. (2017, April). *Risky business: Correlation and causation in longitudinal studies of skill development*. Paper presented at the Society for Research on Child Development, Austin, TX.

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)

Other Journal Service

Statistical Editorial Advisor for Registered Reports, *Journal of Numerical Cognition* (2018-present)

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; Child Development Perspectives; 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 for Research in Mathematics Education; Journal of Abnormal Child Psychology; Journal of Economic Surveys; 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 Numerical Cognition; Journal of Research on Educational Effectiveness; Journal of Research on Mathematics Education; 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 Review; Psychological Science; Psychonomic Bulletin & Review; SAGE Open; The Social Science Journal; Socioaffective Neuroscience & Psychology; WIREs Cognitive Science

Conference Service

*Conference Referee, Society for Research on Child Development, Society for Research on Educational Effectiveness
Planning Committee, 2019 Heterodox Psychology Conference*

School and University Committees and Appointments

Director for Undergraduate Education, School of Education, UC Irvine (2018-present)
Member, *Climate Council*, School of Education, UC Irvine (2018-present)
Member, *Executive Committee*, School of Education, UC Irvine (2015-2018)
Member, *Ph.D. Steering Committee*, School of Education, UC Irvine (2017-2018)
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 Faculty Welfare, Diversity, and Academic Freedom*, UC Irvine (2018-present)
Member, *Council on Planning and Budget*, UC Irvine (2015-2018)
Member, *Undergraduate Steering Committee*, School of Education, UC Irvine (2015-2017)
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.)
Individual Differences (Ph.D.)
Psychology of Learning, Abilities, and Intelligence (Undergraduate)
Theories of Development and Learning Applied to Education (Undergraduate)

University of Missouri:

Research Methods (Undergraduate)

DISSERTATION DEFENSE COMMITTEES

Arena Chang, Grace Lin, Ryan Lewis, Tyler Watts

MISCELLANEOUS

FIELDWORK

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

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