

Curriculum Vitae

Jennifer Hahn-Holbrook, Ph.D.

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Academic Employment & Education

2013-present	Assistant Professor, Crean College of Health and Behavioral Sciences, Chapman University
2010-2013	NIH-Sponsored Postdoctoral Fellowship in Health Psychology, University of California, Los Angeles
2006-2010	Ph.D., Cognitive Science, Queen's University Belfast, United Kingdom
2000-2004	B.A., Psychology, University of California, Santa Cruz

Publications

Hahn-Holbrook, J. (*in press*). The psychology of breastfeeding. *Human Milk and Lactation: Recommendations for Policy Makers*. Larson-Rosenquist Foundation.

Hahn-Holbrook, J., Le, T., Chung, T., Davis, E., Glynn, L. (2016). Cortisol in human milk predicts child BMI. *Obesity*, 24, 2471-2474.

McKinney, C., Hahn-Holbrook, J. Chase-Lansdad, L., Ramey, S. L., Krohn, J. et al. (2016). Understanding breastfeeding gaps between Black, Hispanic and White mothers in the US. *Pediatrics*. 138(2), e20152388.

Hahn-Holbrook, J., Fox, M., & Glynn, L. (2016). Demonstration of elevated cerebrospinal fluid CRH levels during pregnancy provides support for (not against) the link between CRH and postpartum depression [Letter to the editor]. *Journal of Clinical Endocrinology and Metabolism*. 101(2), L5-6.

Yim, I., Tanner, L., Guardino, C., Hahn-Holbrook, J., Dunkel Schetter, C. (2015). Biological and psychosocial predictors of postpartum depression: Systematic review and call for integration. *Annual Review of Clinical Psychology*, 11, 99-137.

Holbrook, C., Hahn-Holbrook, J. & Holt-Lunstad, J. (2015). Trait spirituality correlates with endogenous oxytocin. *Psychology of Religion and Spirituality*, 7, 46-50.

- Hahn-Holbrook, J. & Haselton, M. (2014). Is postpartum depression a disease of modern civilization? *Current Directions in Psychological Science*, 23, 395-400.
- Fessler, D.M.T., Holbrook, C., Pollack, J., & Hahn-Holbrook, J. (2014). Stranger danger: Parenthood and child presence increase the envisioned bodily formidability of menacing men. *Evolution and Human Behavior*, 35, 109-117.
- Hahn-Holbrook, J., Dunkel Schetter, C., Chander, A., & Hobel, C. (2013). Placental corticotropin-releasing hormone mediates the association between prenatal social support and postpartum depression. *Clinical Psychological Science*, 1, 253-265.
- Hahn-Holbrook, J., Haselton, M., Dunkel Schetter, & C., Glynn, L. (2013). Does breastfeeding offer protection against maternal depressive symptomatology? A prospective study from pregnancy to two years after birth. *Archives of Women's Mental Health*, 16, 411-422.
- Hahn-Holbrook, J., Dunkel Schetter, C., & Haselton, M. (2013). The advantages and disadvantages of breastfeeding for maternal mental and physical health (pp. 414-439). In M. Spiers, P. Geller & J. Kloss (Eds.). *Women's Health Psychology*. New Jersey: Wiley.
- Hahn-Holbrook, J., Holt-Lunstad, J., Holbrook, C., Coyne, S.M., & Lawson, T. (2011). Maternal defense: Breastfeeding heightens aggression by reducing stress. *Psychological Science*, 22, 1288-1295. doi: 10.1177/0956797611420729
- Hahn-Holbrook, J., Holbrook, C., & Haselton, M. (2011). Parental precaution: Neurobiological means and adaptive ends. *Neuroscience and Biobehavioral Reviews*, 35, 1052-1066. doi:10.1016/j.physletb.2003.10.071
- Holbrook, C., Sousa, P., & Hahn-Holbrook, J. (2011). Unconscious vigilance: Worldview defense without adaptations for terror, coalition or uncertainty management. *Journal of Personality and Social Psychology*, 101, 451-466. doi: 10.1037/a0024033
- Hahn-Holbrook, J., Holbrook, C., & Bering, J. (2010). Snakes, spiders, strangers: How the evolved fear of strangers may misdirect efforts to protect children from harm. In J. M. Lampinen & K. Sexton-Radek (Eds.), *Protecting children from violence: Evidence based interventions*. New York: Psychology Press.

Manuscripts under review or in preparation

- Hahn-Holbrook, J., Anaya, I., & Cornwell, T. (*under review*). Economic and health factors associated with higher national postpartum depression prevalence: A meta-analysis and meta-regression of 307 studies from 56 countries. *The Lancet Global Health*.
- Hahn-Holbrook, J., Haselton, M., Pilsworth, E., Silk, J. (*under review*). Hormonal profiles linked to lactation predict infant interest in humans. *Evolution and Human Behaviour*.

Hahn-Holbrook, J. (*in preparation*). Omega 3 fatty acid consumption, breastfeeding, and vitamin D deficiently predict cross-national variation in postpartum depression prevalence.

Bhatti, P., Delaney, T., Amanat, S., Shahbazi, N., Poulin, M. & Hahn-Holbrook, J. (*in preparation*). OXTR gene moderates the effect of social support on postpartum depression risk.

Hahn-Holbrook, J. (*in preparation*). An experimental test of the acute effects of breastfeeding vs. bottle-feeding on mother-infant social interaction.

Stout, S., Hahn-Holbrook, & Davis. (*in preparation*). Prenatal programming of childhood obesity risk.

Grants

2016	Kay Family Foundation Big Data grant to design algorithms and identify targets to improve health services utilization amongst low-income mothers in Orange County, \$125,000
2016	Chapman University, Faculty Scholarly/Creative Activity Grant examining the effects of bioactive components of human milk on infant development, \$4,690
2014	NICHHD Loan Repayment Grant for clinical research on interactions between psychological stress, neuroendocrine systems and maternal-fetal outcomes, \$28,000
2014	Chapman University, Faculty Scholarly/Creative Activity Grant examining links between intimate relationship quality and fertility in humans, \$4,632
2010	NIMH Postdoctoral Traineeship in Biobehavioral Issues in Mental and Physical Health (MH15750) to study the influence of breastfeeding and resilience resources on risk for postpartum depression, \$101,000
2009	Ball Aerospace, Co-Principal Investigator with Thomas Lawson, Research grant to investigate the role of oxytocin in stress & aggression, \$25,000

Awards

2013	Chancellors Award for Excellence in Postdoctoral Research, University of California, Los Angeles
2010	Citation Award for Excellence in Research, Society of Behavioral Medicine

Invited Colloquia

Hahn-Holbrook, J. (2016, June). *A Perfect Storm: Interactions between Endocrinology, Behavior and Social Context as Predictors of Postpartum Depression*. Colloquia hosted by the Department of Pediatrics, University of California, San Deigo.

Hahn-Holbrook, J. (2015, October). *Cross-national variation in postpartum depression prevalence: A meta-analysis of 227 studies from 45 countries*. Colloquia hosted by the UCLA by the Health Psychology Program. University of California, Los Angeles.

Hahn-Holbrook, J. (2013, April). *Is postpartum depression a disease of civilization?* Colloquia hosted by the UCLA Center for Behavior, Evolution, & Culture (BEC). University of California, Los Angeles.

Hahn-Holbrook, J. (2011, November). *The impact of breastfeeding on the maternal mind*. Colloquia hosted by the School of Social Ecology, University of California, Irvine.

Hahn-Holbrook, J. (2011, October). *Biological aspects of stress and coping in pregnancy and the postpartum period*. Colloquia hosted by the UCLA Health Psychology Program. University of California, Los Angeles.

Hahn-Holbrook, J. (2010, May). *Breast is best...for mom, too: The benefits of breastfeeding for maternal bonding, stress and assertiveness*. Colloquia hosted by The UCLA Interdisciplinary Relationship Science Program. University of California, Los Angeles.

Hahn-Holbrook, J., Holbrook, C., Holt-Lunstad, J., & Lawson, T. (2009, June). *Fear, aggression and vigilance: Proximal mechanisms underlying maternal defense*. Threat Detection Workshop, Stellenbosch, South Africa.

Hahn-Holbrook, J., Holbrook, C., & Holt-Lunstad, J. (2009, May). *Psychophysiological correlates of stress, social support and supernatural agents*. Colloquia hosted by the Psychology and Religion Research Group, Cambridge University, United Kingdom.

Holbrook, C., & Hahn-Holbrook, J. (2009, May). *Relationships with God and altruistic violence*. Colloquia hosted by the Psychology and Religion Research Group, Cambridge University, United Kingdom.

Conference Papers

Hahn-Holbrook, J. (2016, June). *Linking the Ultimate to the Proximate: Lessons from the Trenches*. Paper presented for the annual Human Behavior and Evolution Society Conference, Vancouver, Canada.

- Hahn-Holbrook, J. Le, T.B., Chung, A, Davis, E.P. & Glynn, L. (2016, May). *Cortisol in Human Milk Predicts Child BMI*. Poster presented at the International Conference of Infant Studies Conference, New Orleans, LA.
- Holt-Lunstad, J., Normal, G.J., Moore, A.K., Hahn-Holbrook, J., Romney, C. (2016, March). *Intranasal oxytocin, online social networks and cardiovascular function*. Poster presented at the Annual Psychosomatic Medicine Conference, Denver, CO.
- Stout, S.A., Hahn-Holbrook, J, Espel, EV, Sandman, C.A., Glynn, L.M., Davis, E.P. (2016, March). *Prenatal Origins of Obesity Risk*. Poster presented at the Annual Psychosomatic Medicine Society Conference. Denver Colorado.
- Hahn-Holbrook, J. (2016, January). *Sex Differences in Predictors of Intersexual Physical Aggression: Single, Skinny and Physically Aggressive Women, Rich Physically Aggressive Men*. Paper presented for the annual Western Psychological Association Conference, Long Beach, CA.
- Hahn-Holbrook, J. (2016, January). *Experimentally Testing the Acute Impact of Breastfeeding on Maternal-Child Behavior*. Paper presented at the Social Neuroendocrinology Preconference at the annual Society for Personality and Social Psychology Conference, San Deigo, CA.
- Stout, S.A., Hahn-Holbrook, J, Espel, EV, Sandman, C.A., Glynn, L.M., Davis, E.P. (2015, December). *Prenatal Cortisol Trajectory Predicts Infant Growth*. Poster presented at the Front Range Neuroscience Group, Fort Collins.
- Hahn-Holbrook, J. (2015, May). *Milk minds: Lactation linked adaptations for stress regulation and bonding in humans*. Paper presented at the Evolutionary Psychology Preconference at the annual Society for Personality and Social Psychology Conference, Long Beach, CA.
- Hahn-Holbrook, J., Holbrook, C. & Fessler, D. (2015, May). *Parental defence: Adaptations to protect children from harm in humans*. Paper presented for the annual Association for Psychological Science Conference, New York, NY.
- Delaney, T., Schlaefer, E., Anaya, I. & Hahn-Holbrook, J. (2014, May). *Cross-national differences in wealth, education, and obesity predict prevalence rates of postpartum depression across nations*. Poster presented for the annual Association for Psychological Science Conference, San Francisco, CA.
- Hahn-Holbrook, J. (2014, February). *Skinny, single and physically aggressive: Evidence of female sexual competition via physical aggression in humans*. Poster presented for the annual Society for Personality and Social Psychology Conference, Austin, TX.
- Hahn-Holbrook, J. (2013, July). *Is postpartum depression a disease of civilization?* Paper presented for the annual Human Behavior and Evolution Society Conference, Miami, FL.

- Hahn-Holbrook, J. (2012, June). *Early breastfeeding is protective against maternal depression 1 and 2 years after birth*. Paper presented for the annual Human Behavior and Evolution Society Conference, Albuquerque, NM.
- Hahn-Holbrook, J. (2012, January). *Corticotrophin releasing hormone mediates the association between family support and postpartum depression*. Paper presented for the annual meeting of the Society for Personality and Social Psychology Conference, New Orleans, LA.
- Hahn-Holbrook, J. (2011, October). *Mama Bears: The role of breastfeeding and oxytocin on female aggression*. Paper presented for the annual Society for Experimental Social Society Conference, Washington, DC.
- Hahn-Holbrook, J., Kane, H., Tanner, L., Arora, C., Hobel, C., & Dunkel Schetter, C. (2011, September). *The effects of social support on corticotrophin-releasing hormone (CRH) and gestational age at birth*. Paper presented in Symposium for the 25th annual European Health Psychology Society Conference, Hersonissos, Crete, Greece.
- Hahn-Holbrook, J., Holt-Lunstad, J., & Holbrook, C. (2010, June). *Breastfeeding and maternal aggression in humans: Is oxytocin the link?* Paper presentation for the annual Human Behavior and Evolution Society Conference, Eugene, OR.
- Hahn-Holbrook, J. (2010, June). *Single, skinny and physically aggressive: New evidence for female sexual aggression via physical aggression*. Poster presentation for the annual Human Behavior and Evolution Society Conference, Eugene, OR.
- Holt-Lunstad, J., & Hahn-Holbrook, J. (2010, April). *Tend and befriend or lactation aggression in response to threat?* Poster presentation at the annual Society of Behavioral Medicine Conference, Seattle, WA. *Winner of the Citation Award for Excellence in Research
- Hahn-Holbrook, J., Holt-Lunstad, J., & Holbrook, C. (2009, May). *New evidence for lactation aggression in humans*. Paper presentation for the annual Human Behavior and Evolution Society conference, Fullerton, CA.
- Holbrook, C., Hahn-Holbrook, J., & Sousa, P. (2009, May). *Unconscious vigilance: Worldview defense without terror management, uncertainty management or coalitional psychology*. Poster presentation for the annual meeting of the American Psychological Society, San Francisco, CA.
- Hahn-Holbrook, J., Holbrook, C., Sousa, P., & Naktsang, D. (2009, May). *Worldview defense in Tibet: Cross-cultural evidence of affect misattribution rather than terror management*. Poster presentation for the annual meeting of the American Psychological Society, San Francisco, CA.
- Hahn-Holbrook, J. & Bering, J. (2008, May). *Stranger danger: Evolutionary approaches to stranger anxiety in infancy and beyond*. Protecting Children from Danger Conference, Sheraton Hotel, Chicago.

Hahn-Holbrook, J. (2007, June). *The battle of the sexes: Feminist and evolutionary perspectives*.
The Quest Women and Power Conference, Queen's University, Belfast, United Kingdom.

Teaching Experience

2016	Chapman University <i>Instructor: Research Methods for the Social Sciences</i> <i>Instructor: Health Psychology</i>
2015	Chapman University <i>Instructor: Research Methods for the Social Sciences</i>
2014	Chapman University <i>Instructor: Health Psychology</i> <i>Instructor: Research Methods for the Social Sciences</i>
2013	Chapman University <i>Instructor: Research Methods for the Social Sciences</i>
2013	University of California, Los Angeles <i>Instructor: Evolutionary Approaches to Understanding Health and Disease</i> <i>Instructor: Human Genetics for the Social Sciences</i>
2012	University of California, Los Angeles <i>Instructor: The Evolutionary Psychology of Women</i>
2006-2009	Disabilities Resource Center, Queen's University Belfast <i>Mentor & Tutor for undergraduate students with mental illness</i>

Professional Service

Service at Chapman University:
Member, Crean College Strategic Planning Committee
Member, University Safety and Health Committee
Search committee member, 2014, 2015 & 2016

Journal Reviews:
Psychological Science
Journal of Personality and Social Psychology
Current Directions in Psychological Science
Clinical Psychological Science
Evolution and Human Behavior
Hormones and Behavior
Health Psychology

(Journal Reviews Cont.)
Evolution, Medicine and Public Health
Frontiers in Developmental Neuroscience
Psychoneuroendocrinology
Assessment
Stress, Anxiety & Coping
The Journal of Cognition and Culture

Grant Reviews:
Irish National Research Council
Polish National Institute for Health
UCLA Cousins Centre
University of Michigan: Pilot/Feasibility Grants,
Michigan Metabolomics and Obesity Center,
Nutrition Obesity Research Center

Professional Affiliations

Society of Personality and Social Psychology
Association for Psychological Science
Human Behaviour and Evolution Society

Select Press Coverage

The Huffington Post: Feature article about my research: “*Is Postpartum Depression a Disease of Modern Civilization?*”

http://www.huffingtonpost.com/wray-herbert/is-postpartum-depression_b_5618298.html

MSNBC: Feature article about my research: “*Breast-feeding Makes New Mothers Mama Bears*”

http://bodyodd.nbcnews.com/_news/2011/09/07/7574846-breast-feeding-makes-new-mothers-mama-bears

Fox News: Feature article about my research: “*Families can Encourage Mother’s Breastfeeding*”

<http://www.foxnews.com/health/2016/07/13/families-can-encourage-mothers-breastfeeding.html>

Psychology Today: Feature article about my research: “*The Myth of the Glowing New Mother*”

<https://www.psychologytoday.com/blog/home-base/201602/the-myth-the-glowing-new-mother>

Association for Psychological Science: Feature article about my research: “*Stress Hormone Foreshadows Postpartum Depression in New Mothers*”

<http://www.psychologicalscience.org/index.php/news/releases/stress-hormone-foreshadows-postpartum-depression-in-new-mothers.html>

Psych Central: Feature article about my research: “*Social Support during Pregnancy can Ward off Postpartum Depression*”

<https://psychcentral.com/news/2013/03/05/social-support-during-pregnancy-protects-from-postpartum-depression/52240.html>

Science Daily: Feature article about my research: “*Stress Hormone Foreshadows Postpartum Depression in New Mothers*”

<http://www.sciencedaily.com/releases/2013/03/130304161623.htm>

The Boston Globe

http://www.boston.com/bostonglobe/ideas/articles/2011/09/11/uncommon_knowledge/

Academic References

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