

JUSTIN R. GARCIA

Laboratory of Evolutionary Anthropology and Health,
Departments of Biological Sciences and Anthropology
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EDUCATION

2011 (expected) PhD, Biological Sciences (EEB), Binghamton University
2009 MS, Biomedical Anthropology, Binghamton University
2007 Certificate, Evolutionary Studies, Binghamton University
2007 BA, Neuroscience & Behavioral Development, Binghamton University

EMPLOYMENT

2009-present Adjunct Lecturer, Department of Health & Wellness Studies, Binghamton University
2008-2009 Graduate Research Assistant, Center for Applied Community Research and Development, Binghamton University
2007-2008 Graduate Assistant, Office of Compliance and Risk Management, Binghamton University

OTHER AFFILIATIONS

2009-present SUNY Diversity Doctoral Fellow, Laboratory of Evolutionary Anthropology and Health
2007-present Affiliated Researcher, Institute for Evolutionary Studies (EvoS program)

RESEARCH INTERESTS

Evolutionary behavioral studies (evolutionary psychology, behavioral ecology, ethology); human sexuality; biological bases of sexual and sensation-seeking behaviors; reproductive health; interdisciplinary studies.

TEACHING

Bioculture of Love (Instructor)
Human Sexuality (Instructor)
Animal Behavior (Teaching Assistant)
Current Topics in Evolutionary Studies (Teaching Assistant)

AWARDS

- 2009, NEEPS Award for Excellence in Research - Best Student Oral Presentation
- 2009, SUNY STEM Diversity Doctoral Fellowship
- 2008, Binghamton University Clark Doctoral Fellowship

ORGANIZATIONS

- Human Behavior and Evolution Society
- Human Biology Association

- International Society for Human Ethology
- NorthEastern Evolutionary Psychology Society
- International Society for Behavioral Ecology
- Sigma Xi

SERVICE

BINGHAMTON UNIVERSITY

- Hosting Committee, 5th Annual Conference of the NorthEastern Evolutionary Psychology Society, April 2011
- Sexual Assault Programs Committee, 2008-2011
- Selection Committee, SUNY Chancellor's Award for Excellence in Professional Service, 2008-2009; 2009-2010
- Personal Safety Advisory Committee, 2007-2008
- Student Health Advisory Committee, 2005-2009
- Human Subjects Research Review Committee (IRB), 2005-2007
- Residential Life Learning Community Committee, 2006-2007

EXTERNAL

- Volunteer HIV Tester, Southern Tier AIDS Program, 2006-present
- Medical Ethics Committee, United Health Services (4 hospitals), 2007-present

EDITORIAL

EDITORIAL BOARD

The Evolutionary Review: Art, Science, Culture

EvoS: The Journal of the Evolutionary Studies Consortium

AD HOC REVIEWER

The Journal of Social, Evolutionary, and Cultural Psychology

Frontiers in Evolutionary Neuroscience

Human Nature

PUBLICATIONS

BOOKS:

Evolution's Empress: Darwinian Perspectives on the Nature of Women. (in preparation). Maryanne L. Fisher, Justin R. Garcia & Rose Sokol Chang (Eds). Oxford University Press, New York.

Evolution and Human Sexuality (working title). (in preparation). Peter B. Gray & Justin R. Garcia. Harvard University Press, Cambridge.

ARTICLES PUBLISHED & FORTHCOMING:

JR Garcia, G Geher, B Crosier, G Saad, D Gambacorta, L Johnsen & E Prancikitas. (in press). The interdisciplinary context of evolutionary approaches to human behavior: a key to survival in the ivory archipelago. *Futures*.

DA Frederick, TA Reynolds, MR Fales & JR Garcia. (in press). Physical attractiveness: Dating, mating, and social interaction. In T Cash (Ed), *The encyclopedia of body image and human appearance*. Elsevier, Oxford UK.

JP Carpenter, JR Garcia & JK Lum. (in press). Dopamine receptor genes predict risk preferences, time preferences, and related economic choices. *Journal of Risk and Uncertainty*.

LL Heywood & JR Garcia. (in press, 2012). Fashion as Adaptation: The Case of American Idol. In Shira Tarrant and Marjorie Jolles (Eds), *Fashion Talks: Undressing the Power of Style*. SUNY Press, New York.

ML Fisher, DJ Kruger, JR Garcia. (2011). Understanding and enhancing the role of the mass media in evolutionary psychology education. *Evolution: Education and Outreach*, 4, 75-82.

JR Garcia, J MacKillop, EL Aller, AM Merriwether, DS Wilson & JK Lum. (2010). Associations between dopamine D4 receptor gene variation with both infidelity and sexual promiscuity. *PLoS ONE*, 5, e14162.

JR Garcia & DJ Kruger. (2010). Unbuckling in the Bible Belt: Conservative sexual norms lower age at marriage. *Journal of Social, Evolutionary, and Cultural Psychology*, 4, 206-214.

BC Campbell, A Dreber, CL Apicella, DTA Eisenberg, PB Gray, AC Little, JR Garcia, RS Zamore & JK Lum. (2010). Testosterone Exposure, Dopaminergic Reward, and Sensation-Seeking in Young Men. *Physiology & Behavior*, 99, 451-456.

DTA Eisenberg, CL Apicella, BC Campbell, A Dreber, JR Garcia & JK Lum. (2010). Assortative human pair-bonding for partner ancestry and allelic variation of the dopamine receptor D4 (*DRD4*) gene. *Social Cognitive and Affective Neuroscience*, 5, 194-202.

LL Heywood & JR Garcia. (2010). Ins and Outs: An Evolutionary Approach to Fashion. *The Evolutionary Review: Art, Science, Culture* (Volume 1). SUNY Press, New York.

LL Heywood, JR Garcia & DS Wilson. (2010). Mind the Gap: Appropriate Evolutionary Perspectives Toward the Integration of the Sciences and Humanities. *Science & Education*, 19, 505-522.

DT O'Brien, G Geher, AC Gallup, JR Garcia, SB Kaufman. (2010). Self-perceived Mating Intelligence predicts sexual behavior in college students: Empirical validation of a theoretical construct. *Imagination, Cognition, and Personality*, 29, 341-362.

C Reiber & JR Garcia. (2010). Hooking up: Gender differences, evolution, and pluralistic ignorance. *Evolutionary Psychology*, 8, 390-404.

BC Campbell & JR Garcia. (2009). Neuroanthropology: Evolution and Emotional Embodiment. *Frontiers in Evolutionary Neuroscience*, 1:4, doi:10.3389/neuro.18.004.2009

A Dreber, CL Apicella, DTA Eisenberg, JR Garcia, RS Zamore, JK Lum & BC Campbell. (2009). The 7R polymorphism in the dopamine receptor D4 gene (DRD4) is associated with financial risk-taking in men. *Evolution and Human Behavior*, 30, 85-92.

JR Garcia & C Reiber. (2008). Hook-up Behavior: A Biopsychosocial Perspective. *Journal of Social, Evolutionary, and Cultural Psychology*, 2, 192-208.

JR Garcia & G Saad. (2008). Evolutionary Neuromarketing: Darwinizing the Neuroimaging Paradigm for Consumer Behavior. *Journal of Consumer Behaviour*, 7, 397-414.

ARTICLES IN REVIEW:

NM Cameron & JR Garcia. No Eden without Eve: Evolutionary biology and human maternal effect. In ML Fisher, JR Garcia & RS Chang (Eds), *Evolution's Empress: Darwinian Perspectives on the Nature of Women*. Oxford University Press, New York.

RS Chang & JR Garcia. Loverese: Vocalizing intimacy and passion with romantic babytalk. *Personal Relationships* (submitted).

A Dreber, DG Rand, N Wernerfelt, JR Garcia, JK Lum, MG Vilar & RJ Zeckhauser. Dopamine and Risk Choices in Different Domains: Findings Among Serious Tournament Bridge Players. *Journal of Risk and Uncertainty* (second round).

ML Fisher, C Worth, JR Garcia & A Cox. Feelings of regret following uncommitted sexual encounters in Canadian university students. *Culture, Health & Sexuality* (second round).

JR Garcia & HE Fisher. Mating and Dating: A biocultural toolkit. In Scott Barry Kaufman (Ed), *Beyond "Talent or Practice?": The Multiple Determinants of Greatness*. Oxford University Press, New York.

ARTICLES IN PREPARATION:

JR Garcia & W Jankowiak. Reactions to sexual infidelity: Cross-cultural and evolutionary perspectives on betrayal. To be submitted to *Human Nature*.

JR Garcia, C Reiber, AM Merriwether, LL Heywood & HE Fisher. Intimately affiliative gestures in uncommitted and romantic relationships. To be submitted to *Archives of Sexual Behavior*.

JR Garcia, RE David, C Reiber & AM Merriwether. Idealizations, expectations, and regret in sexual hook-ups. To be submitted to *Journal of Sex Research*.

BC Campbell, A Dreber, CL Apicella, DTA Eisenberg, P Gray, JR Garcia, JK Lum. Salivary Cortisol, But Not DRD2 Taq1a, Predicts Sensation-Seeking in Young Men. To be submitted to *American Journal of Human Biology*.

B Crosier, G Geher, JR Garcia, SB Kaufman. The structure, reliability, and predictive validity of Mating Intelligence. To be submitted to *Evolution and Human Behavior*.

M Hill, JR Garcia, G Geher. Unwanted sex in hook-ups and romantic relationships. To be submitted to *Psychology of Women Quarterly*.

G Saad, AA Stanton, N Lee, C Senior, MJ Butler & JR Garcia. Evolutionary neurobusiness. To be submitted to *Journal of Neuroscience, Psychology, and Economics*.

INVITED TALKS

- *10 Misconceptions About Single Americans*. TEDxBinghamtonUniversity, Binghamton NY. April 2011.
- *Single in America: A New View on Relationships*. Science Cabaret at the Lost Dog Café, Binghamton NY. March 2011.
- *Sexual Hook-ups: Evolution and Gender Differences*. 2011 Gender Awareness Lecture (Keynote to Gender Awareness Week), Dominican College. March 2011.
- *Pleasure Genes: Behavioral Neurogenetics of sensation-seeking across domains*. Department of Anthropology, University of Vienna, Austria. October 2010.
- *Love, Sex, and Human Nature*. Science Cabaret at the Lost Dog Café, Binghamton NY. March 2010.
- *Intimacy, Infidelity, and the Individual: Biocultural Perspectives*. Behavioral Ecology Group, Stony Brook University. February 2010.
- *Our Lives, Our Genes: What do they want with my DNA?* LYCEUM, Binghamton NY. October 2009.
- *Intimacy, Infidelity, and the Individual*. Evolutionary Studies Program, SUNY New Paltz. March 2009.
- *New Insights on Human Sexual Motivation*. Southern Tier AIDS Program, Johnson City NY. May 2008.

REFERENCES

David Sloan Wilson, PhD
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Director, Institute for Evolutionary Studies
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