

Randi H Griffin

Department of Evolutionary Anthropology at Duke University

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Education

Duke University	Ph.D. program in Evolutionary Anthropology	2013-pres
Harvard University	BA Human Evolutionary Biology - <i>cum laude</i>	2006-2010

Grants & fellowships

NSF Graduate Research Fellowship - \$102,000	2015
Graduate School of Duke Summer Research Fellowship - \$5500	2014, 2015
James B. Duke Fellowship - \$20,000	2013
Harvard Global Health Undergraduate Research Fellowship - \$4500	2009

Teaching & mentorship

<i>Data analysis mini-course instructor:</i> Primate field ecology (Duke)	Fall 2016
<i>Teaching Assistant:</i> Primate Sexuality (Duke)	Spring 2015
<i>Senior undergraduate thesis mentor:</i> Sania Rahim (Duke)	2014-2015
<i>Teaching Assistant:</i> Health in Evolutionary Perspective (Duke)	Fall 2014
<i>Instructor:</i> AnthroTree Workshop on phylogenetic methods (Harvard, Duke)	2012-2014
<i>Teaching Assistant:</i> Introduction to Evolutionary Anthropology (Duke)	Spring 2014
<i>Teaching Assistant:</i> Genetics, Genomics & Evolution (Harvard)	Spring 2010
<i>Undergraduate Peer Tutor:</i> organic chemistry, statistics, & genetics (Harvard)	2008-10

Work experience

<i>Research Assistant:</i> comparative biology with Dr. Charles L. Nunn (Harvard)	2011-13
<i>Research Assistant:</i> evolutionary genetics with Dr. Stacey D. Smith (UNL)	2010-11
<i>Research Assistant:</i> evolutionary genetics with Dr. Scott Edwards (Harvard)	2008

Peer review

Journals: Evolution; Biological Journal of the Linnean Society; American Journal of Physical Anthropology; American Journal of Primatology; Functional Ecology; Adaptive Behavior

Granting agencies: Leaky Foundation

Books: Modern phylogenetic comparative methods and their application in evolutionary biology: concepts and practice (2014)

Publications

1. Schneider-Crease, I.A., **Griffin, R.H.**, et al, Thore, J.T., Beehner, J.C.. In prep. Hormones and parasites in wild gelada baboons. *American Journal of Primatology*.
2. Schneider-Crease, I.A., **Griffin, R.H.**, Schneider-Mackler, N., Nunn, C.L., Chastain, H.M., Bergman, T.J., Beehner J.C. *In review*. Identifying wildlife reservoirs of neglected taeniid tapeworms: non-invasive diagnosis of endemic *Taenia serialis* in wild primates. *PLoS Neglected Tropical Diseases*.
3. Schneider-Crease, I.A., **Griffin, R.H.**, Gomery, M.A., Bergman, T.J., and J.C. Beehner. *In review*. High mortality associated with parasitism in geladas (*Theropithecus gelada*) in the Simien Mountains National Park, Ethiopia. *American Journal of Primatology*.
4. **Griffin, R.H.**, and G.S. Yapuncich. 2016. A critical comment on the ‘multiple variance Brownian motion’ model of Smaers et al. (2016). *Biological Journal of the Linnean Society*, in press.
5. Reiskind, M., **Griffin, R.H.**, Janairo, M.S., and K.A. Hopperstad. 2016. Mosquitoes of Field and Forest: The Scale of Habitat Segregation in a Diverse Mosquito Assemblage. *Medical and Veterinary Entomology*, in press.
6. **Griffin, R.H.**, and G.S. Yapuncich. 2015. The Independent Evolution method is not a viable phylogenetic comparative method. *PLoS ONE* 10(12):e0144147.
7. Coburn, R.A., **Griffin, R.H.**, & S.D. Smith. 2015. Genetic basis for a rare floral mutant in an Andean species of Solanaceae. *American Journal of Botany*, 102: 171-172.
8. Young, H., **Griffin, R.**, Wood, C.L., and Nunn, C.L. 2013. Does habitat disturbance increase infectious disease risk for primates? *Ecology Letters*, 16:656-663.
9. Cooper, N., **Griffin, R.**, Franz, M., Omotayo, M., and Nunn, C.L. 2012. Phylogenetic host specificity and understanding parasite sharing in primates. *Ecology Letters*, 15: 1370-77
10. **Griffin, R.H.**, Matthews, L.J., and Nunn, C.L. 2012. Evolutionary disequilibrium and activity period in primates: A Bayesian Phylogenetic Approach. *American Journal of Physical Anthropology* 147:409-416.
11. **Griffin, R.H.** and Nunn, C.L. 2011. Community structure and the spread of infectious disease in primate social networks. *Evolutionary Ecology* 26:779-800.

Conference presentations

12. **Griffin R.H.** & Nunn C.L. (2012). How does mating skew affect STD prevalence in multi-male multi-female mating systems? Poster presented at 2012 Ecology and Evolution of Infectious Disease 10th Annual Conference.
13. **Griffin R.H.** & Nunn C.L. (2011). Community structure and the spread of infectious disease in primate social networks. Poster presented at 2011 American Association of Physical Anthropologists.

Science outreach

<i>Coach:</i> BOOST (Building Opportunities & Overtures in Science & Technology)	2015-2016
program aimed at promoting STEM in Durham public schools through mentorship	
<i>Volunteer</i> at numerous annual local science outreach events	2010-pres

Athletics & youth sports leadership

Youth Sports Leadership

USA Hockey Certified Coach , Level 4	2010-pres
Lead Instructor of Jr. Hurricanes Girls Player Development	2015-2016
Prime Time Hockey (NC) skills instructor	2006-2015

Athletic honors

Korean Women's Ice Hockey National Team player	2015-pres
Harvard University varsity women's ice hockey player	2006-10
ECAC Women's Ice Hockey Student-Athlete of the Year top-three Finalist	2010