**Randi H Griffin**

Department of Evolutionary Anthropology at Duke University

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Education

Duke University Ph.D. program in [Evolutionary Anthropology](https://evolutionaryanthropology.duke.edu/graduate) 2013-pres

Harvard University BA [Human Evolutionary Biology](https://heb.fas.harvard.edu/)- *cum laude* 2006-2010

Grants & fellowships

[NSF Graduate Research Fellowship](https://www.nsfgrfp.org/)- $102,000 2015

[Graduate School of Duke Summer Research Fellowship](https://gradschool.duke.edu/financial-support/find-funding/summer-research-fellowship-first-and-second-year-phd-students)- $5500 2014, 2015

[James B. Duke Fellowship](https://gradschool.duke.edu/financial-support/find-funding/james-b-duke-fellowship)- $20,000 2013

[Harvard Global Health Undergraduate Research Fellowship](https://ghhp.fas.harvard.edu/hghi-summer-internships-and-research-placements)- $4500 2009

Teaching & mentorship

*Data analysis mini-course instructor:* Primate field ecology (Duke) Fall 2016

*Teaching Assistant:* Primate Sexuality (Duke) Spring 2015

*Senior undergraduate thesis mentor:* Sania Rahim (Duke) 2014-2015

*Teaching Assistant:* Health in Evolutionary Perspective (Duke) Fall 2014

*Instructor*: AnthroTree Workshop on phylogenetic methods (Harvard, Duke) 2012-2014

*Teaching Assistant:* Introduction to Evolutionary Anthropology (Duke) Spring 2014

*Teaching Assistant*: Genetics, Genomics & Evolution (Harvard) Spring 2010

*Undergraduate Peer Tutor:* organic chemistry, statistics, & genetics (Harvard) 2008-10

Work experience

*Research Assistant*: comparative biology with Dr. Charles L. Nunn (Harvard) 2011-13

*Research Assistant*: evolutionary genetics with Dr. Stacey D. Smith (UNL) 2010-11

*Research Assistant*: 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](http://www.randigriffin.com/home/Cooper%20et%20al.%202012.pdf?attredirects=0" \t "_blank)
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

1. **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.
2. **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

*Coach:* [BOOST (Building Opportunities & Overtures in Science & Technology)](https://sites.duke.edu/boost/) 2015-2016

program aimed at promoting STEM in Durham public schools through mentorship

*Volunteer* at numerous annual local science outreach events 2010-pres

Athletics & youth sports leadership

**Youth Sports Leadership**

[USA Hockey Certified Coach](http://www.usahockey.com/coaches), Level 4 2010-pres

Lead Instructor of [Jr. Hurricanes](http://ryha.org/) Girls Player Development 2015-2016

[Prime Time Hockey (NC)](http://www.primetimehockey.com/) skills instructor 2006-2015

**Athletic honors**

[Korean Women’s Ice Hockey National Team player](http://english.yonhapnews.co.kr/news/2017/04/07/0200000000AEN20170407003200315.html) 2015-pres

[Harvard University varsity women’s ice hockey player](http://www.gocrimson.com/sports/wice/2009-10/bios/griffin_randi) 2006-10

[ECAC Women’s Ice Hockey Student-Athlete of the Year top-three Finalist](http://www.ecachockey.com/women/2009-10/Weekly_Awards/20100503_SA_of_Yr_Finalists) 2010