**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- *cum laude* 2006-2010

Work experience

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

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

*Research Assistant*: evolutionary genetics with Dr. Scott Edwards (Harvard) 2008

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

NSF EEID 10th Annual Workshop tuition and travel support - $1000 2012

Harvard Global Health Undergraduate Research Fellowship- $4500 2009

Teaching & mentorship

*Data expeditions 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

Peer review

* *Journals:* Evolution; 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) 2015-2016

program aimed at promoting STEM in Durham public schools through mentorship

*Organizer*: R Hour- a weekly R help session 2012-pres

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

Athletics & youth sports leadership

**Youth Sports Leadership**

USA Hockey Level 4 Certified Coach 2010-pres

Lead Instructor of Jr. Hurricanes Girls Player Development 2015-2016

Prime Time Hockey skills instructor 2006-2015

**Athletic honors**

Korean Women’s Ice Hockey National Team member 2015-pres

Harvard University varsity women’s ice hockey player (4 years) 2006-10

ECAC Women’s Ice Hockey Student-Athlete of the Year Finalist (one of three) 2010