**Randi H. Griffin, Ph.D.**

Data Scientist at KAYAK Software Corporation | Lecturer in Analytics at Northeastern University

Website: [http://www.randigriffin.com](http://rgriff23.github.io/) E-mail: [rgriff23@gmail.com](mailto:randi.griffin@duke.edu) Phone: +1 (617) 548-2608

Education

Duke University Ph.D. program in Evolutionary Anthropology 2013-2018

Harvard University BA Human Evolutionary Biology- *cum laude* 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

*Instructor:* Data Mining Applications (Northeastern) Winter 2019

*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

*Part-time Lecturer*: Northeastern University Masters in Analytics Program 2019-pres

*Data Scientist*: KAYAK Software Corporation, marketing team 2018-pres

*Post-doctoral Fellow*: Insight Data Science, session 2018c in Boston 2018

*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; Behavioral Ecology and Sociobiology; 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

Peer-reviewed publications

1. Schneider-Crease, I.A., **Griffin, R.H.**, Dorny, P., Noh, J.C., Handali, S., Chastain, H.M., Wilkins, P.P., Nunn, C.L., Snyder-Mackler, N., Beehner, J.C., and T.J. Bergman. 2017. Identifying wildlife reservoirs of neglected taeniid tapeworms: non-invasive diagnosis of endemic *Taenia serialis* infection in wild primates. *PLOS Neglected Tropical Diseases*, 11(7): p.e0005709.
2. 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*, 79(9).
3. **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*, 121(1): 223-228.
4. 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,* 31(1): 44-54.
5. **Griffin, R.H**., and G.S. Yapuncich. 2015. The Independent Evolution method is not a viable phylogenetic comparative method. *PLoS ONE* 10(12):e0144147.
6. 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*.*
7. 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.
8. 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)
9. **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.
10. **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. Nunn, C.L., Young, H.S., **Griffin, R.H.**, & J. Clark. 2013. Parasites and primate communities: Amplification and dilution effects. American Association of Physical Anthropology Conference.
2. **Griffin, R.H.** & Nunn C.L. 2012. How does mating skew affect STD prevalence in multi-male multi-female mating systems? Ecology and Evolution of Infectious Disease Conference.
3. **Griffin, R.H.** & Nunn C.L. 2011. Community structure and the spread of infectious disease in primate social networks. American Association of Physical Anthropology Conference.

Science outreach

*Coach:* BOOST (Building Opportunities & Overtures in Science & Technology) 2015-2016

program promoting STEM in Durham public schools through mentorship

*Volunteer* at numerous 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. Carolina Hurricanes Girls Player Development 2015-2016

Prime Time Hockey (NC) ice hockey camp skills instructor 2006-2015

**Athletics**

South Korean Women’s Ice Hockey National/Olympic Team member 2015-18

Harvard University varsity women’s ice hockey player 2006-10

ECAC Women’s Ice Hockey Student-Athlete of the Year Finalist 2010

ECAC All-Academic Team 2006-10