

# Jerred K. Schafer

## Curriculum Vitae

(Current as of April 04, 2021)

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### **Education**

**Ph.D.**, 2017-IP, Anthropology, University at Albany-SUNY

Dissertation: The evolution of sex differences in mandrills (*Mandrillus sphinx*)

**M.A.**, 2017, Anthropology, University at Albany-SUNY

Thesis: Evolutionary paths to BMR variation in primates

**Advisor**: Dr. Adam D. Gordon

**B.A.** *magna cum laude*, 2013, Anthropology, University of Alabama at Birmingham

### **Academic Employment**

*Academic Advisor*, Department of Anthropology, University at Albany-SUNY (*Fall 2020*)

*Teaching Assistant*, Department of Anthropology, University at Albany-SUNY (*Fall 2015-Spring 2016; Fall 2016- Spring 2017; Fall 2017- Spring 2018; Fall 2018- Spring 2019; Fall 2019-Spring 2020*)

*Research Assistant*, Department of Anthropology, University at Albany-SUNY (*Summer 2015; Summer 2016; Summer 2019, Summer 2020*)

*Adjunct Lecturer*, Department of Anthropology, University at Albany- SUNY (*Spring 2015, Winter, 2019-2020*)

*Student Assistant*, Department of Anthropology, University at Albany-SUNY (*Fall 2014*)

*Field Research Assistant*, Northern Kentucky University (*July 2014*)

### **Scholarly Activity**

#### **Research Interests**

- Primate ecology, life history evolution, sexual selection
- Evolutionary demography
- Population and quantitative genetics
- Micro- and macroevolution in primates and fossil hominins

#### **Peer- Reviewed Journal Articles**

1. Schafer JK, Gordon AD, Ngoubangoye B, Charpentier, M.J.E., Setchell JM. (2021) Heritability of secondary sexual characters in mandrills (*Mandrillus sphinx*). Submitted.
2. Schafer JK, Gordon AD, Ngoubangoye B, Setchell JM. Quantifying the strength of sexual selection in mandrills (*Mandrillus sphinx*). In prep.
3. Schafer JK, Gordon AD, Ngoubangoye B, Setchell JM. The coevolution of female and male ornaments in primates. In prep.

## **Published Abstracts of Conference Proceedings**

1. Schafer JK, Gordon AD, Ngoubangoye B, Kessler SE, Charpentier M, Setchell JM. 2020. Quantitative Genetics of Body Mass and Color in Mandrills (*Mandrillus sphinx*). *American Journal of Physical Anthropology Supplement*: accepted.
2. Schafer JK, Gordon AD, Ngoubangoye B, Setchell JM. 2019. Response to selection on facial coloration in *Mandrillus sphinx*. *American Journal of Physical Anthropology Supplement* 168: 218.
3. Schafer JK, Gordon AD, Ngoubangoye B, Setchell JM. 2018. Heritability of coloration in *Mandrillus sphinx*. *American Journal of Physical Anthropology Supplement* 165: 241.
4. Schafer JK, Gordon AD. 2016. The relationship between mtDNA substitution parameters and BMR in primates. *Northeastern Evolutionary Primatologists Conference*.
5. Schafer JK. 2015. Life history variation in strepsirrhine primates from the Duke Lemur Center. *American Journal of Physical Anthropology Supplement* 162: 52

## **Invited Presentations**

- Microevolution of secondary sexual characteristics in mandrills (*Mandrillus sphinx*). Durham University Evolutionary Anthropology Research Group (EARG) seminar series, Nov. 11, 2020.
- The evolution of sex differences in *Mandrillus sphinx*. Clarion University, Nov. 14, 2019.

## **Teaching**

### **Courses Taught at the University at Albany**

Names and catalog numbers for organized courses are followed by the semester and year in which they were taught.

#### *Undergraduate:*

- Introduction to the Primates (AANT 111): S15, W19-20
- Anatomy & Physiology I Lab (AANT 316): F15, F16
- Anatomy & Physiology II Lab (AANT 318): S16, S17
- Introduction to Human Evolution Lab (AANT 110): F17, S18, F18, S19, F19, S20

## **External Research Funding**

2020                      Leakey Foundation Doctoral Dissertation Grant, \$5,160, Project:  
The evolution of sex differences in mandrills (*Mandrillus sphinx*): quantitative genetics of color and size dimorphism

## **Internal Research Funding**

2020                      University at Albany Dissertation Research Fellowship Award, \$1000  
2017                      University at Albany Graduate Student Association Professional  
Development Grant, \$410

## **Awards and Honors**

2013                      NSF Research Experience for Undergraduates  
(REU) Fellowship

2013 UAB Department of Anthropology Scholarship, \$500  
2011 National Society of Collegiate Scholars Member

### **Field and Research Experience**

2020 Orkney & Shetland, Scotland Census Database Researcher  
2019 Orkney & Shetland, Scotland Census Database Researcher  
2017 Evolutionary Quantitative Genetics Workshop, Friday Harbor  
Laboratories, Washington  
2016 Orkney, Scotland Census Database Researcher  
2015 Orkney, Scotland Census Database Researcher  
2014 Archaeological Excavation Project at Vanua Levu, Fiji  
2013 Undergraduate Honors Thesis Research  
2013 Lithics Analysis from Early Lapita Site, Fiji  
2013 Archaeological Excavation Project at Vanua Levu, Fiji

### **Computer and Language Proficiency**

- R programming (intermediate/advanced)
- Python programming (elementary/beginner)
- German (reading level)

### **Professional Affiliations**

- American Association of Physical Anthropologists
- American Society of Naturalists
- Society for the Study of Evolution
- Evolutionary Demography Society