

# John C. “Jack” Winans

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Interdepartmental Doctoral Program in Anthropological Sciences  
Stony Brook University  
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## Education

**Stony Brook University**, Ph.D. Candidate, Anthropological Sciences 2018 –  
Dissertation: “Social responsiveness in female savannah baboons: Individual heterogeneity, group-level outcomes, and fitness consequences.”  
Dissertation Committee: Catherine Markham (Advisor), Susan Alberts, Andreas Koenig, Heather Lynch  
GPA: 3.95

**George Washington University**, B.S. Biological Anthropology 2014 – 2018  
Thesis: “Mixed evidence for ecological risk aversion in wild juvenile chimpanzees (*Pan troglodytes schweinfurthii*) at Gombe National Park, Tanzania.”  
Thesis Advisors: Carson Murray & Kaitlin Wellens  
GPA: 3.96, Summa Cum Laude

## Research Interests

- Costs & benefits of social behavior
- Movement ecology
- Collective decision-making

## Grants, Fellowships, & Awards

Lewis and Clark Fund for Exploration and Field Research (\$3,800)	2021
Animal Behavior Society Student Research Grant (\$1,500)	2021
American Society of Primatologists Small Research Grant (\$1,500)	2020
National Science Foundation Graduate Research Fellowship (\$138,000)	2018 – 2023
Graduate Council Fellowship, SBU (\$50,000)	2018 – 2024
Jane B. Hart Award, GWU (\$300)	2018

## Published Presentation Abstracts

**Winans, J.C.**, Wellens, K.R., Lonsdorf, E.V., & Murray, C.M. (2018). Mixed evidence for ecological risk aversion in juvenile wild chimpanzees (*Pan troglodytes schweinfurthii*) at Gombe National Park, Tanzania. *American Journal of Primatology* 80(S1): 61. (Podium).

## Presentations without Published Abstracts

**Winans, J.C.**, & Markham, A.C. (2020). Social factors predict global and local measures of female olive baboon (*Papio anubis*) spatial position. 6<sup>th</sup> Meeting of the Northeastern Evolutionary Primatologists (NEEP), Virtual. (Podium).

**Winans, J.C.**, & Markham, A.C. (2019). Predictors of spatial proximity in wild female savannah baboons: The effect of habitat openness. 5<sup>th</sup> Meeting of the Northeastern Evolutionary Primatologists (NEEP), Amherst, MA. (Poster).

## Teaching Experience

### Teaching Assistant

- EBH 200: The Evolution of Human Behavior, SBU
- ANT 102: What Makes Us Human?, SBU
- ANT 260: How We Eat, SBU

2018 – 2019  
Fall 2018  
Spring 2019  
Fall 2019

## Field Experience

Amboseli Basin, Kenya

Summer 2021

Amboseli Baboon Research Project

- Deploy 7 GPS/accelerometer collars on adult female savannah baboons (*Papio cynocephalus*)
- Field validate stereo videography methods

Amboseli Basin, Kenya

Summer 2019

Amboseli Baboon Research Project

- Video record an adult female savannah baboon fitted with a GPS/accelerometer collar in all major behavioral states to ground truth machine-learning methods of behavioral state classification from accelerometer data

Amboseli Basin, Kenya

Spring 2019

Amboseli Baboon Research Project

- Test noninvasive field methods of collecting socio-spatial data on five wild groups of savannah baboons

Primate Studies Field School, Rwanda

Summer 2016

University of Arizona

- Observational data collection on wild mountain gorillas (*Gorilla beringei*), olive baboons (*Papio anubis*), and vervet monkeys (*Chlorocebus pygerythrus*)
- Fecal sample collection from wild olive baboons (*Papio anubis*)

## Laboratory Experience

### Research Assistant

Spring 2020

Competition Within and Between Primate Social Groups (Collaborative research project, P.I.s Catherine Markham & Susan Alberts)

Amboseli Baboon Research Project

- Data collection on wild savannah baboons (*Papio cynocephalus*) including fecal samples and GPS/accelerometer collar data
- Data processing & management at SBU

### Senior Research Assistant

2016 – 2018

Primate Behavioral Ecology Lab (P.I. Carson Murray)

Center for the Advanced Study of Human Paleobiology, GWU

- Manage online SQL database housing 40 years of chimpanzee behavioral data
- Mentor incoming lab members and teach data translation & entry protocols
- Coordinate lab meetings & activities

### Research Assistant

2015 – 2016

Primate Behavioral Ecology Lab (P.I. Carson Murray)

Center for the Advanced Study of Human Paleobiology, GWU

- Translate Kiswahili data on mother-infant chimpanzee behaviors into English

- Participate in group discussions of rationale and metrics behind ongoing lab projects
- Present relevant behavioral ecology articles at weekly journal clubs

*Research Assistant* 2014

Social Cognition Lab (P.I. Francys Subiaul)  
Speech, Language and Hearing Sciences, GWU

- Perform cognitive learning tests with children aged 3 – 5 and record data
- Recruit participants and inform parents about experimental procedures
- Entertain and engage children between trials

## **Mentoring Experience**

Undergraduate mentoring:

Nicole Pyun, SBU 2019

## **Outreach**

*Social Media Volunteer* 2019 – 2020

Interdepartmental Doctoral Program in Anthropological Sciences, SBU

- Participate in creation and maintenance of the IDPAS Twitter account
- Coordinator: Katheryn Twiss

*Member* 2018 –

Shutterbug Science

- Science education outreach
- Coordinator: Catherine Markham

## **Service**

*Treasurer* 2019 –

Behavioral Ecology Group, SBU

## **Memberships**

Animal Behavior Society 2020 –

American Society of Primatologists 2020 –

International Primatological Society 2020 –

Sigma Xi 2018 –

Phi Beta Kappa 2017 –