

Scott M. Carpenter

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Education

Princeton University, Princeton, NJ | June 2017 | GPA: 3.47

A.B. in Ecology and Evolutionary Biology with Honors

Research

Project Manager University of Wyoming

OI Pejeta Conservancy, Kenya | January 2018 - Present

I manage a NSF funded study on the disruption of native plant-animal mutualism by an invasive ant species (*Pheidole megacephala*).

Daily duties included running various field experiments and managing 3 field assistants.

**Assistant Research Scientist NYU
New York, NY | Summer 2017**

I investigated Fragile X Syndrome pathways focusing on methods to manipulate protein synthesis speed. My work consisted of maintaining cell cultures and western blotting and assisting in the development of various neuronal assays.

**Professor Corina Tarnita's Lab
Mpala, Kenya | Summer 2016**

I conducted research on spatial patterning of termite mounds in the presence of multiple species and aided in the setup of multiple experiments including competition assays and foraging studies.

**Professor Bridgett von Holdt's Lab
Princeton, NJ | Spring 2016**

I assisted in the canine sequencing project, which aims to understand the canine hybridization landscape in North America. My duties included DNA extraction and PCR.

Experience

**Assistant Manager 20th Reunion Princeton University
Princeton, NJ | Spring-Summer 2016**

In Conjunction with the reunions committee I helped plan, organize and execute a large scale reunion managing a crew of 20.

**STEAM Camp Associate
PACE Center Princeton, NJ | Summer 2015**

I developed and implemented a 5-week STEAM (Science, Technology, Engineering, Art and Mathematics) curriculum for economically disadvantaged gifted middle school students.

Service/Outreach

**Photo Surveyor Great
Grevy's Rally**

Mpala, Kenya
January 2018

Uplifting Athletes

Princeton, NJ
Spring 2014, 2015

**Weapons of Mass
Construction**

Princeton, NJ
Summers 2013, 2014

Achievements

**Sigma Xi Honor
Society Member**
Spring 2017

Varsity Football Team

Princeton University
Fall 2013 - Fall 2016

**Semifinalist for the
William Campbell
Award**

Fall 2016

Skills

R Coding

QGIS software

Basic Spanish