

John “Krish” Maypole
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EDUCATION

Yale University, New Haven, CT

GPA: 3.94/4.00

BSc. in Ecology & Evolutionary Biology, May 2021

WORK EXPERIENCE

RTI International, *Health Policy Analyst*, Waltham, MA (May 2020 – September 2020)

- *Statistics and Health Policy Intern*, (May 2019 – September 2019)
- Built an interactive dashboard for visualizing longitudinal survey data and paradata
- Constructed comprehensive database of primary care providers using R and SQL
- Leveraged data from ten domains via machine learning to predict health outcomes
- Evaluated treatment program for a national nonprofit organization through multifaceted data analysis

Staver Lab at Yale University, *Dean's Fellow*, New Haven, CT (May 2020 – September 2020)

- Investigate the role of birds in seed dispersal along savanna-forest boundaries
- Analyzed and visualized geospatial and occurrence data using R's tidyverse

Fact-checking for Carl Zimmer, *Fact-checker*, New Haven, CT (May 2020 – November 2020)

- Verify historical and scientific assertions through research for Zimmer's forthcoming book, *Life's Edge: The Search for What It Means to Be Alive*
- Document inaccuracies and communicate them to the author through written reports
- Assist with proofreading the manuscript

Jetz Lab at Yale University, *Research Assistant*, New Haven, CT (January 2019 – March 2020)

- Visualized and analyzed geospatial data from varying sources, including range maps and citizen science
- Compiled information on biodiversity to contribute to our understanding of nature as it faces widespread global change

Yale Peabody Museum of Natural History, *Collections Assistant*, New Haven, CT (Sept. 2018 – May 2019)

- Prepared avian wing, skin, and skeleton specimens for the Museum's Vertebrate Zoology Collections

Prum Lab at Yale University, *Research Assistant*, New Haven, CT (Mar. 2018 – May 2019)

- Investigated the composition and structure of various undiagnosed feather pigments in Musophagids
- Conducted independent research on feather samples using Raman Microspectroscopy

The Hole in the Wall Gang Camp, *Cabin Counselor*, Ashford, CT (Summer 2018)

- Supervised and entertained seriously-ill children between ages 7-15 in a residential setting
- Facilitated community-building through interactions with fellow staff and children

LEADERSHIP EXPERIENCE AND EXTRACURRICULAR ACTIVITIES

First-Year Outdoor Orientation Trips (FOOT), *Leader*, New Haven, CT (Jan. 2018 – May 2021)

- Interview Committee Member (November 2019 – Present) – Sat on a committee of four responsible for conducting interviews and deliberating on the selection of the next year's cohort of FOOT leaders
- Facilitated the transition to college for groups of first-year students through providing a safe, open, collaborative environment in the context of backpacking trips in New England

Yale Men's Volleyball, *Captain*, New Haven, CT (August 2017 – May 2021)

- Designed three practices per week to keep athletes in shape and committed to playing volleyball at a high level
- Coordinated gym time, finances, travel, and tournaments with Yale and other universities
- Traveled to NCVF's National Volleyball Tournament each spring

Yale Dept. of Ecology & Evolutionary Biology, *Peer Mentor*, New Haven, CT (March 2019 – May 2021)

- Hosted events for underclassmen to facilitate course selection and involvement in research
- Communicated with the Director for Undergraduate Studies about improvements the department can make to the major

Yale Herald, *Science and Technology Editor*, New Haven, CT (January 2020 – May 2020)

- Wrote and edited articles that capture the human element of science and technology
- Created content and pitches for staff writers

SKILLS

Computer: R, Python, SQL, ArcGIS, QGIS, Microsoft Office Suite, WordPress

Languages: Fluent Spanish, Limited Hindi

Certifications: Wilderness First Responder