

# Amanda K. Rowe, PhD

Department of Anthropology, Hale 135M  
University of Colorado Boulder, Boulder, CO, 80309; Tel, +1-720-210-4481,  
E-mail: amanda.rowe@colorado.edu, akrowe20@gmail.com  
Website: <https://akrowe20.github.io/AmandaKRoweWebsite/>

## EDUCATION

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### **PhD, Anthropology, Interdepartmental Doctoral Program in Anthropological Sciences**

August 2017 to May 2024

Stony Brook University, Stony Brook, NY, 11794

### **MA, Anthropology**

August 2017 to March 2020

Stony Brook University, Stony Brook, NY, 11794

### **MSc, Primate Behavior and Ecology**

September 2015 to June 2017

Central Washington University, 400 E University Way, Ellensburg, WA, 98926

### **BS, Environmental and Organismal Biology (*summa cum laude*)**

September 2010 to December 2013

Fort Lewis College, 1000 Rim Drive, Durango, CO, 81301

## THESES AND ADVISORS

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### *Theses*

- 2024 *Dimensions of coexistence: Niche differentiation by four cheirogaleid lemur species*. Doctoral Dissertation, Stony Brook University
- 2017 *Collective decision making in Tibetan macaques: How followers affect the rules and efficiency of group movement*. MSc Thesis, Central Washington University
- 2013 *The effect of invasive shrub Tamarix on the bottom-up ecology of a riparian ecosystem, Big Gypsum Valley, Colorado*. Undergraduate Senior Thesis, Fort Lewis College

### *Advisors*

PhD advisors\* and committee (Stony Brook University): Dr. Patricia Wright\*, Dr. Andreas Koenig\*, Dr. John Fleagle, Dr. Amy Lu, Dr. Elizabeth Clare (external, York University, CA)

Masters' advisor\* and committee (Central Washington University): Dr. Lixing Sun\*, Dr. Lori Sheeran, Dr. Steven Wagner

Undergraduate advisor (Fort Lewis College): Dr. Deborah Kendall

## APPOINTMENTS

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### *Teaching Appointments & Experience*

O = Online, SA = Study Abroad (in Madagascar)

#### *Instructor of Record, University of Guelph*

Fall 2025	ANTH 4880	Special Projects Course (O)
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#### *Instructor of Record, Stony Brook University*

Summer 2025	ANP 387/610	Independent Research Madagascar
Summer 2025	ANP 350	Methods in Studying Primates (SA)
Summer 2025	ANP 307	Comparing Ecosystems in Madagascar (SA)
Fall 2023	ANP 120	Introduction to Biological Anthropology (O)
Fall 2023	ANP 475	Undergraduate Teaching Practicum (O)
Fall 2020	ANP 120	Introduction to Biological Anthropology (O)
Fall 2020	ANP 475	Undergraduate Teaching Practicum (O)

*Teaching Assistant, Stony Brook University*

Spring 2020	ANP 120	Introduction to Biological Anthropology (O)
Fall 2019	ANP 101	Human Biology
Spring 2019	ANP 120	Introduction to Biological Anthropology
Fall 2018	ANT 290	Science and Technology in Ancient Society
Spring 2018	ANT 377	Animal Tool Use
Fall 2017	ANP 120	Introduction to Biological Anthropology

*Teaching Assistant, Central Washington University*

Winter 2016/2017	STEP 102	Science Talent Expansion Program 102
Spring 2016/2017	STEP 103	Science Talent Expansion Program 103
Fall 2015/2016	STEP 101	Science Talent Expansion Program 101

*Teaching Assistant, Fort Lewis College*

Fall 2013	BIO 305	Entomology
Fall 2012 - Fall 2013	TUTOR	STEM Courses, Fort Lewis College
Fall 2011	BIO 207	General Zoology

**Board Appointments**

December 2020-Present	Board Member	WISE Tropics, Inc.
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**Research Appointments**

July 2025 to present	Postdoctoral Fellow	University of Colorado Boulder/University of Guelph (through NSF PRFB)
September 2024 to July 2025	Postdoctoral Associate	University of Colorado Boulder
June 2024 to present	Research Assistant Professor	Anthropology, Stony Brook University
January 2023 to May 2023	Research Assistant	Anthropology, Stony Brook University
January 2021 to April 2021	Project Development Intern	Planet Madagascar
June 2020 to August 2020	Research Assistant	ICTE, Stony Brook University
April 2015 to September 2015	Soils Technician	Northern Arizona University
July 2014 to January 2015	Intern	Out of Africa Wildlife Park
May 2014 to September 2015	Arthropod Technician	Colorado Plateau Museum of Arthropod Biodiversity
September 2011 to March 2012	Herbarium Assistant	Fort Lewis College

## GRANTS, FELLOWSHIPS, SCHOLARSHIPS, AND AWARDS

**Grants**

*External Sponsors (n=14, \$86,348)*

2022	Re: wild: "Understanding the patterns and drivers of natural resource exploitation for effective conservation strategies of eight lemur species in Zombitse-Vohibasia National Park, Madagascar", \$10,000
2021	Idea Wild: "Using community ecology to drive conservation strategies of <i>Mirza coquereli</i> , <i>Phaner pallescens</i> , <i>Microcebus murinus</i> , and <i>Cheirogaleus medius</i> of Southwestern Madagascar", \$1,500
2021	Re: wild: "Understanding the patterns and drivers of natural resource exploitation for conservation strategies of eight lemur species in Zombitse-Vohibasia National Park, Madagascar", \$5,000
2020	The Leakey Foundation: "Arthropod consumption and its role in coexistence of Malagasy lemurs", \$14,976
2020	National Science Foundation DDRIG: "Interspecific competition, niche partitioning, and community structure of primates", \$26,872
2020	Rowe Wright Primate Fund: "Interspecific competition and niche partitioning as driving forces of the community structure of cheirogaleid lemurs in Southwestern Madagascar", \$5,000
2019	Rowe Wright Primate Fund: "Preliminary investigations of population density, abundance, and community dynamics of <i>Microcebus murinus</i> , <i>Cheirogaleus medius</i> , <i>Mirza coquereli</i> , and <i>Phaner pallescens</i> in Zombitse-Vohibasia National Park, Madagascar", \$5,000
2019	Sigma Xi: "Preliminary investigations of population density, abundance, and community dynamics of <i>Microcebus murinus</i> , <i>Cheirogaleus medius</i> , <i>Mirza coquereli</i> , and <i>Phaner pallescens</i> in Zombitse-Vohibasia National Park, Madagascar, \$1,000

- 2018 American Society of Primatologists: “Implementing molecular methods to understand ecosystem energy flow and nutritional ecology of mouse lemurs for optimized management strategies in Ranomafana National Park and Isalo National Park, Madagascar”, \$1,500
- 2018 Animal Behaviour Society: “DNA barcoding and the race for conservation: Implementing novel methods to understand the nutritional ecology of *Microcebus rufus* for optimized management strategies in Ranomafana National Park, Madagascar”, \$2,000
- 2018 Lemur Conservation Action Fund, “DNA barcoding and the race for conservation: Implementing novel methods to understand the nutritional ecology of *Microcebus rufus* for optimized management strategies in Ranomafana National Park and Manombo Special Reserve, Madagascar, \$3,000
- 2018 Rowe Wright Primate Fund: “DNA barcoding and the race for conservation: Implementing novel methods to understand the nutritional ecology of *Microcebus rufus* for optimized management strategies in Ranomafana National Park, Madagascar”, \$5,000
- 2017 Rowe Wright Primate Fund” Preliminary investigation of the nutritional ecology and gastrointestinal bacteria in *Propithecus edwardsi*, nutritional ecology of *Microcebus rufus*, and arthropod communities in Ranomafana National Park, Madagascar, \$5,000
- 2016 Prentice Foundation: “Collective decision making in Tibetan macaques: How followers affect the rules and efficiency of group movement”, \$500

*Internal Sponsors (n=3, \$3,000)*

- 2019 IDPAS, Stony Brook University: “Preliminary investigations of population density, abundance, and community dynamics of *Microcebus murinus*, *Cheirogaleus medius*, *Mirza coquereli*, and *Phanerpallescens* in Zombitse-Vohibasia National Park, Madagascar”, \$500
- 2018 Graduate Student Employment Union, Stony Brook University: “Implementing molecular methods to understand ecosystem energy flow and nutritional ecology of mouse lemurs for optimized management strategies in Ranomafana National Park and Isalo National Park, Madagascar”, \$500
- 2013 School of Natural and Behavioral Sciences, Fort Lewis College: “The effect of invasive shrub *Tamarix* on the bottom-up ecology of a riparian ecosystem, Big Gypsum Valley, Colorado”, \$2,000

*Co-authored Funding for Non-governmental Organizations and Museums (n=2, \$108,457)*

- 2022 World Land Trust. Awarded to Planet Madagascar for forest restoration and fire management in Ankarafantsika National Park, Madagascar. Co-authored by Travis Steffens and Amanda K. Rowe. 366,823,000 MGA (\$92,051) over 3 years.
- 2025 University of Colorado Boulder Impact Grant. Awarded to the University of Colorado Boulder Museum of Natural History for the project titled Opening Doors to Discovery: Sharing Science Through Multilingual and Multimodal Museum Exhibits. Co-authored by William Taylor and Amanda K. Rowe. \$16,406.

***Fellowships***

*External Sponsors*

- 2025 NSF Postdoctoral Research Fellowship in Biology: “Genetic elucidation of a multilayer ecological network in Madagascar: Ecosystem properties, dynamics, and conservation priorities”
- 2020 Fulbright U.S. Student Program: “Community dynamics of night-active lemurs in Zombitse-Vohibasia National Park, Madagascar”
- 2016 NSF East Asia Pacific Institute Fellowship: “Understanding the maintenance of cohesion in social groups through the investigation of how followers affect collective decision-making during group movement in Tibetan macaques”

*Internal Sponsors*

- 2023 Stony Brook University F. James Rohlf Endowed Graduate Fellowship in Anthropology
- 2022 Stony Brook University Faculty-Staff Dissertation Fellowship
- 2017 Stony Brook University Graduate Council Fellowship

***Academic Scholarships***

- 2015-2016 Gary Hansen Scholarship, Central Washington University
- 2012-2013 Ted and Lee Ann Compton Scholarship, Fort Lewis College
- 2010-2013 Presidential Scholarship, Fort Lewis College

### **Awards and Honors:**

2025	Chancellor's Distinguished Dissertation Award Finalist, Stony Brook University
2024	President's Award to Distinguished Doctoral Students and selected commencement speaker, Stony Brook University
2023	Professional and Scholarly Excellence in the Category of Reference Works – Physical Science and Mathematics, "Imperiled: The Encyclopedia of Conservation", Association of American Publishers
2022	Top Cited Article 2021-2022, "Exploratory analysis reveals arthropod consumption in 10 lemur species using DNA metabarcoding", the American Journal of Primatology
2013	Student Marshall of 2013 Graduating Class, Fort Lewis College
2010-2013	Top Environmental Biology Student, Fort Lewis College
2010-2013	Dean's List, Fort Lewis College

## **PUBLICATIONS AND PRESENTATIONS**

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### **Peer-reviewed Publications**

ORCID: [0000-0001-8840-0014](https://orcid.org/0000-0001-8840-0014)

Google Scholar Profile: <https://scholar.google.com/citations?hl=en&user=INDZUB0AAAAJ>

\* Indicates equal contribution

- Donohue, M. E., Hert, Z., Karrick, C., Rowe, A. K., Wright, P., Randriamanandaza, L., Zakamanana, F., Nomenjanahary, S., Everson, K., Weisrock, D (2023). Lemur gut microeukaryotic community variation is not associated with host phylogeny, diet, or habitat. *Microbial Ecology*. <https://doi.org/10.1007/s00248-023-02233-7>.
- Donohue, M. E., Rowe, A. K., Kowalewski, E., Hert, Z. L., Karrick, C. E., Randriamanandaza, L. J., Zakamanana, F., Nomenjanahary, E. S., Andriamala, R. Y., Everson, K. M., Horrall, A. D., Moe, L., Wright, P. C., Weisrock, D. W (2022). Significant effects of host dietary guild and phylogeny in wild lemur gut microbiomes. *ISME Communications*, 2(1):1-10. <https://doi.org/10.1038/s43705-022-00115-6>.
- Martin, L. D., Rowe, A. K., Nomenjanahary, E. S., Ridgway, Z. M., Wright, P. C., Deppe, A. M (2022). A population survey of sympatric cheirogaleids in southwestern Madagascar. *African Journal of Ecology*, 60:336-343. <https://doi.org/10.1111/aje.12960>.
- Rowe, A. K., Donohue, M. E., Clare, E. L., Drinkwater, R., Koenig, A., Ridgway, Z. M., Martin, L. D., Nomenjanahary, E. S., Zakamanana, F., Randriamanandaza, L. J., Rakotonirina, T. E., Wright, P. C. (2021). Exploratory analysis reveals arthropod consumption in 10 lemur species using DNA metabarcoding. *American Journal of Primatology*, 83(6): e23256. <https://doi.org/10.1002/ajp.23256>.
- Pang, K. H\*, Rowe, A. K.\*, Sheeran, L. K.\*, Xia, D. P., Sun, L., Li, J. H. (2021). Sexual Interference Behaviors in Male Adult and Subadult Tibetan Macaques (*Macaca thibetana*). *Animals*, 11(3):663. <https://doi.org/10.3390/ani11030663>.
- Martin, L. D., Rowe, A. K., Nomenjanahary, E. S., Montaña, S. K., Wright, P. C., Deppe, A. M (2021). Population estimates of Hubbard's sportive lemur (*Lepilemur hubbardorum*) at Zombitse-Vohibasia National Park, Madagascar. *Folia primatologica*, 92(1):70-78. <https://doi.org/10.1159/000512559>.
- Uhey, D., Rowe, A. K., & Kendall, D. (2020) Tamarisk alters arthropod composition, but has little negative effect on arthropod richness and abundance in southwestern Colorado. *Southwestern Entomologist*, 45(3):585-600. <https://doi.org/10.3958/059.045.0301>.
- Rowe, A. K., Li, J. H., Sun, L., Sheeran, L. K., Wagner, R. S., Xia, D. P., Uhey, D. A., Chen, R. (2018). Collective decision making in Tibetan macaques: How followers affect the rules and speed of group movement. *Animal Behaviour*, 146:51-61. <https://doi.org/10.1016/j.anbehav.2018.10.002>.

### **General Audience Publications**

Rowe, A. K., Hending, D., Schäffler, L., Markolf, M. (*in press*). Coquerel's Giant Mouse Lemur *Mirza coquereli*. In: *Primates in Peril: The World's 25 Most Endangered Primates 2023-2025*. IUCN SSC Primate Specialist Group, International Primatological Society, Re:wild, Washington, DC.

- Rowe, A.K., Donohue, M.E., 2022. Lemurs: Madagascar's Endemic Primates. In: DellaSala, D.A., Goldstein, M.I. (Eds.), *Imperiled: The Encyclopedia of Conservation*, vol. 1. Elsevier, pp. 194-204. <https://dx.doi.org/10.1016/B978-0-12-821139-7.00015-5>.
- Kling, K. J., Rowe, A.K., 2022. Madagascar Forests and Shrublands. In: DellaSala, D.A., Goldstein, M.I. (Eds.), *Imperiled: The Encyclopedia of Conservation*, vol.1. Elsevier, pp. 26-36. <https://doi.org/10.1016/B978-0-12-821139-7.00001-5>.

***Scholarly Presentations: With Published Abstracts***

- March 16, 2024 Rowe, A. K., Kling, K., Cantine, M. D., Salmon, P. M., Thompson, K. E. T. Toward safer scientific fieldwork: A comprehensive framework for understanding and managing risk. American Journal of Biological Anthropology [https://s3.amazonaws.com/xcdshared/aaba/app\\_content/2465\\_0306085835.pdf](https://s3.amazonaws.com/xcdshared/aaba/app_content/2465_0306085835.pdf).
- March 22, 2024 Rowe, A. K., Koenig, A., Ridgway, Z. M., Nomenjanahary, E. S., Wright, P. C., Clare, E. L. DNA metabarcoding reveals fine-resolution partitioning of arthropods in a community of cheirogaleid lemurs in Southwestern Madagascar. American Journal of Biological Anthropology [https://bioanth.org/documents/379/AJBA\\_-\\_2024\\_-\\_Program\\_of\\_the\\_93rd\\_Annual\\_AABA\\_Meeting.pdf](https://bioanth.org/documents/379/AJBA_-_2024_-_Program_of_the_93rd_Annual_AABA_Meeting.pdf).
- April 18, 2020 Rowe, A. K., Donohue, M. E., Clare, E. L., Drinkwater, R., Koenig, A., Ridgway, Z. M., Martin, L. D., Nomenjanahary, E. S., Zakamanana, F., Randriamanandaza, L. J., Rakotonirina, T. E., Wright, P. C. Arthropod consumption in lemurs: An exploratory analysis using DNA metabarcoding. American Journal of Physical Anthropology 171 (S69): 240. <https://onlinelibrary.wiley.com/doi/pdf/10.1002/ajpa.24023> (Conference canceled because of COVID pandemic).

***Scholarly Presentations: Without Published Abstracts***

- October 4, 2025 Nomenjanahary, E. S., Randrianasy, J., Stevens, N. J., Ridgway, Z. M., Rowe, A. K. Classifying vocalization types and their functions in a nocturnal lemur, *Phaner pallescens*. Rocky Mountain Biological Anthropology Association Meeting. Boulder, Colorado. USA.
- October 14, 2025 Cothren, H. R., Cantine, M., Rowe, A. K., Thompson, K. E. T. Towards SAFER fieldwork: building an incident database for accident and near-miss analysis. Geological Society of America Connects 2025. San Antonio, Texas, USA.
- July 24, 2025 Rowe, A. K., Koenig, A., Ridgway, Z., Nomenjanahary, E. S., Wright, P. C., Clare, E. L. DNA Metabarcoding illuminates arthropod resource partitioning among a community of nocturnal cheirogaleid lemurs in Zombitse-Vohibasia National Park, Madagascar. 30th International Primatological Society Congress, Antananarivo, Madagascar.
- July 24, 2025 Andriamanantena, F., Wrigth, P. C., Raselimanana, A. P., Ranaivoarisoa, F. J., Ridgway, Z. M., Lalgudi, C., Andrianiana, A. F., Nomenjanahary, E. S., Koenig, A., Rakotondranary, J. S., Rowe, A. K. A spatio-temporal analysis of community practices around Zombitse-Vohibasia National Park, Madagascar: Implications for lemur conservation and local human sustainable development. 30th International Primatological Society Congress, Antananarivo, Madagascar.
- July 24, 2025 Nomenjanahary, E. S., Randrianasy, J., Ridgway, Z. M., Rowe, A. K. Syllabic and Sequential structure of calls in *Phaner pallescens*: A comparison of aggressive and affiliative contexts. 30th International Primatological Society Congress, Antananarivo, Madagascar.
- September 09, 2024 Koenig, A., Perlman, R. F., Rowe, A. K., Scarry, C. J., Wheeler, B. W., Borries, C. Dominance relationships among female primates are mostly despotic with little phylogenetic effects. The 46<sup>th</sup> Meeting of the American Society of Primatologists, Riviera Maya, Mexico.
- October 09, 2023 Andriamanantena, F., Raselimanana, A. P., Ranaivoarisoa, J. F., Ridgway, Z. M., Wright, P. C., Koenig, A., Rakotondranary, J. S., Andrianiana, A. F., Nomenjanahary, E. S., Rowe, A. K. Understanding the drivers of natural resource exploitation for holistic conservation of eight lemur species in Zombitse-Vohibasia National Park,

August 21, 2023	Madagascar. Symposium on Life and Environmental Sciences, Faculty of Sciences, University of Antananarivo, Madagascar.
August 22, 2023	Andriamanantena, F., Raselimanana, A., Ranaivoarisoa, F., Ridgway, Z. M., Wright, P. C., Koenig, A., Rakotondranary, J., Andrianiana, A., <u>Rowe, A. K.</u> Understanding the drivers of natural resource exploitation for holistic conservation of eight lemur species in Zombitse-Vohibasia National Park, Madagascar. Joint Meeting of the International Primatological Society and the Malaysian Primatological Society, Kuching, Malaysia.
August 23, 2023	<u>Rowe, A. K.</u> , Ridgway, Z. M., Nomenjanahary, E. S., Wright, P. C., Koenig, A. Vertical and horizontal space partitioning as a mechanism for the coexistence of four Cheirogaleidae lemurs in Zombitse-Vohibasia National Park, Madagascar. Joint Meeting of the International Primatological Society and the Malaysian Primatological Society, Kuching, Malaysia.
November 9, 2019	Nomenjanahary, E. S., Randrianasy, J., Wright, P. C., Koenig, A., Ridgway, Z. M., <u>Rowe, A. K.</u> Classifying vocalization types and their functions in a nocturnal lemur, <i>Phaner pallescens</i> . Joint Meeting of the International Primatological Society and the Malaysian Primatological Society, Kuching, Malaysia.
August 22, 2018	<u>Rowe, A. K.</u> , Donohue, M. E., Clare, E. L., Drinkwater, R., Koenig, A., Ridgway, Z. M., Martin, L. D., Nomenjanahary, E. S., Zakamanana, F., Randriamanandaza, L. J., Rakotonirina, T. E., Wright, P. C. Exploratory analysis identifies arthropod consumption in ten lemur species using DNA metabarcoding. Northeastern Evolutionary Primatologists Meeting, University of Massachusetts, Amherst, Massachusetts, USA.
March/February 2014	<u>Rowe, A. K.</u> , Sun, L., Sheeran, L., Wagner, S. Li, J. H., Xia, D. P., Chen, R., Wright, P. Collective decision making in Tibetan macaques: How followers affect the rules and speed of group movement. International Primatological Society Congress, Nairobi, Kenya.
April 2013	<u>Rowe, A. K.</u> , Uhey, D. A., Kendall, D. The effect of invasive shrub Tamarix on the bottom-up ecology of a riparian ecosystem, Big Gypsum Valley, Colorado. Tamarix Coalition River Crossing's Conference, Grand Junction, Colorado, USA.
February 2013	<u>Rowe, A. K.</u> The effect of invasive shrub Tamarix on the bottom-up ecology of a riparian ecosystem, Big Gypsum Valley, Colorado. Natural and Behavioral Sciences Symposium, Fort Lewis College, Colorado, USA.
	<u>Rowe, A. K.</u> , Uhey, D. A. Kendall, D. The effect of invasive shrub Tamarix on the bottom-up ecology of a riparian ecosystem, Big Gypsum Valley, Colorado. Front Range Ecology Symposium, Colorado State University, Colorado, USA.

### ***Workshops and Symposia***

July 24, 2025	<u>Rowe, A. K.</u> , Poindexter, S. A., Nomenjanahary, E. S., Dalton, J., DeCamp, R., Nekaris, K. A. I., Andriamahaiavana, A., Steffens, T., Schäffler, L., Otero Jiménez, B., Stevens, N. J., Confuron, L., Sauter, M. L., Kizito, J. “From Dusk to Dawn: Progress in Nocturnal Strepsirrhine Studies.” Organizer and Chair. Symposium at the 30th International Primatological Society Congress, Antananarivo, Madagascar.
July 21, 2025	<u>Rowe, A. K.</u> , Thompson, K., Kling, K., Stevens, N. J., Nomenjanahary, E. S. “Rethinking risk: Moving towards integrative approaches in fieldwork safety.” Workshop at the 30th International Primatological Society Congress, Antananarivo, Madagascar.

### ***Invited Talks***

April 2025	Professionalism in Biological Anthropology Graduate Class, University of Colorado, Boulder, CO: “Navigating the academic job market”.
December 2024	University of Colorado Natural History Museum Symposium, University of Colorado, Boulder, USA: “Museums as spaces for collaboration”.
July 2024	Fulbright Pre-Departure Orientation, Zoom, “Madagascar Alum Country Led Session” and “Student Alum Panel: Best Practices for Ensuring a Successful Fulbright Grant and Thriving Abroad

May 2024	Distinguished Doctoral Student Speaker, 2024 Doctoral Hooding Ceremony, Stony Brook University, New York, USA.
May 2024	University of Colorado Natural History Museum and Anthropology Department, University of Colorado, Boulder, USA: “Dimensions of coexistence: Niche differentiation by four cheirogaleid lemur species”.
May 2024	Distinguished Doctoral Colloquium, Stony Brook University, New York, USA: “Dimensions of coexistence: Niche differentiation by four cheirogaleid lemur species”.
July 2023	Fulbright Pre-Departure Orientation, Zoom, “Madagascar Alum Country Led Session” and “Health and Safety Panel”.
May 2023	Madagascar Field School, University of Guelph, Canada, “Establishing and conducting fieldwork in Madagascar”.
January 2020	Lemurs and Lorises Graduate Class, Central Washington University, Washington, USA: “Lemurs: Madagascar’s Endemic Primates”.
December 2019	Human Biology Undergraduate Class, Stony Brook University, New York, USA: “Ecology and the Environment”.
May 2019	Introduction to Biological Anthropology Undergraduate Class, Stony Brook University, New York, USA: “Evolution of the Brain and Language”.
February 2018	Animal Tool Use Undergraduate Class, Stony Brook University, New York, USA: “Primates”.
September 2017	Introduction to Biological Anthropology Undergraduate Class, Stony Brook University, New York, USA: “Group Living and Mating Systems”.
December 2013	Native Plant Society, Durango, Colorado, USA: “The effect of invasive shrub Tamarix on the bottom-up ecology of a riparian ecosystem, Big Gypsum Valley, Colorado”.

### ***Media Coverage***

- Rakotovao, M. (2025, September 15). “Madagascar’s dry forests need attention, and Verreaux’s sifakas could help.” *Mongabay*. Available at: <https://news.mongabay.com/2025/09/madagascars-dry-forests-need-attention-and-verreauxs-sifakas-could-help/>
- Stony Brook University News. (2025, February 14). “Eyes in the Dark: Amanda Rowe’s Research Earns Prestigious Recognition.” Available at: <https://news.stonybrook.edu/university/eyes-in-the-dark-amanda-rowes-research-earns-prestigious-recognition/>
- Stony Brook University News. (2020, May 15). “Ten Stony Brook Students Receive Prestigious Fulbright Scholarships.” *Stony Brook University News*. Available at: <https://news.stonybrook.edu/homespotlight/nine-stony-brook-students-receive-prestigious-fulbright-scholarships/8/>

## **RESEARCH EXPERIENCE**

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August 2025-Present	University of Guelph, “A systematic review of the niche spaces of eight wild lemur species”, PIs Dr. Travis Steffens and Dr. Amanda K. Rowe
July 2025-Present	University of Colorado Boulder, “Genetic elucidation of a multilayer ecological network in Madagascar: Ecosystem properties, dynamics, and conservation priorities”, Supervisors Dr. Nancy J. Stevens and Dr. Travis Steffens
April 2024-Present	Stony Brook University, “Project SAFER: A holistic approach to identifying and mitigating traumatic incidents during field research”, PI Dr. Katheryn Twiss
January 2023-Present	Stony Brook University, “Dominance hierarchies among female primates: variability in despotism and implications for socioecological models”, Supervisor Dr. Andreas Koenig
July 2020- Present	Stony Brook University, “Qualitative and quantitative household interviews elucidate the patterns and drivers of natural resource exploitation by local communities in Zombitse-Vohibasia National Park, Madagascar”, Supervisors Dr. Patricia Wright and Dr. Andreas Koenig

January 2019- Present	Stony Brook University, “Interspecific competition and niche partitioning as driving forces of the community structure of cheirogaleid lemurs in Southwestern Madagascar”, Supervisors Dr. Patricia Wright and Dr. Andreas Koenig
Dec 2018-Jan 2022	Stony Brook University, “Preliminary investigations of population density, abundance, and community dynamics of <i>Microcebus murinus</i> , <i>Cheirogaleus medius</i> , <i>Mirza coquereli</i> , and <i>Phaner pallescens</i> in Zombitse-Vohibasia National Park, Madagascar”, Supervisor Dr. Patricia Wright
April 2018-Dec 2018	Stony Brook University, “DNA barcoding and the race for conservation: Implementing novel methods to understand the nutritional ecology of <i>Microcebus rufus</i> for optimized management strategies in Ranomafana National Park and Isalo National Park, Madagascar”, Supervisor Dr. Patricia Wright
June 2017-Dec 2018	Stony Brook University, “Preliminary investigations of the nutritional ecology and gastrointestinal bacteria in two lemur species and arthropod communities in Ranomafana National Park, Madagascar”, Supervisor Dr. Patricia Wright
Sep 2015-Sep 2018	Central Washington University, “Collective decision making in Tibetan macaques: how followers affect the rules and efficiency of group movement”, Supervisor Dr. Lixing Sun
May 2013- Dec 2014	Fort Lewis College, “The effect of invasive shrub <i>Tamarix</i> on the bottom-up ecology of a riparian ecosystem, Big Gypsum Valley, Colorado”, Supervisors Dr. Deborah Kendall and Dr. Erin Lehmer
May 2011-Dec 2014	Fort Lewis College, “Effect of invasive shrub <i>Tamarix</i> on arthropod communities in southwestern Colorado”, Supervisor Dr. Deborah Kendall
May-September 2011	Fort Lewis College, “Prevalence of <i>Sin Nombre</i> in <i>Peromyscus</i> sp. in southwest Colorado”, Supervisor Dr. Erin Lehmer

## CERTIFICATIONS

### ***Teaching***

2020 CELT Online Teaching Certification, Stony Brook University, Stony Brook, NY, USA

### ***Career Planning***

2023 GRD 510 Career Exploration with PhD Career Ladder Program, Stony Brook University, Stony Brook, NY, USA

### ***First Aid and Field Safety***

2025 Wilderness First Responder, NOLS, Boulder, CO, USA  
 2023 FieldFutures Harassment and Assault Prevention Workshop, Zoom  
 2021 Mental Health Wilderness First Aid, MHWFA, Zoom  
 2021 Wilderness First Aid, Adirondack Wilderness Medicine, Saratoga Springs, NY, USA

## SERVICE, COMMUNITY, AND VOLUNTEER WORK

### ***Service***

*To University of Colorado Museum of Natural History*

Augst 2024-present JEDI Committee member

*To Stony Brook University, Interdepartmental Doctoral Program in Anthropological Sciences*

August 2023-May 2024 Grievances Committee, student representative

March 2023-May 2024 DEI Committee, student representative

August 2022-May 2023 Admissions Committee, student representative

August 2019-August 2020 Publications Manager

August 2018-August 2019 Presentation Database Manager

August 2017-August 2017 Department Mobilizer, Graduate Student Employment Union

*To the University*

May 2023-May 2024 Vice President, Decolonization and Antiracism Group, Stony Brook, NY

March 2023	Fulbright Friday applicant advising panelist, Stony Brook, NY
Summer 2020	Distance learning during COVID-19, Stony Brook University, Stony Brook, NY: “Meet an Anthropologist” Zoom sessions with K-12 science classes
Fall/Spring 2020	Women in Science and Engineering, Stony Brook University, Stony Brook, NY: Instructor for advanced WISE undergraduate student lab rotations in arthropod collection, curation, and identification
August 2018-June 2019	Secretary, Behavioral Ecology Group, Stony Brook University, Stony Brook, NY
June 2016-June 2017	President, Primate Awareness Network, Central Washington University, Ellensburg, WA
2015-2016	Center for Science and Math Excellence, Central Washington University, Ellensburg, WA: STEM outreach to K-12 students

*As student mentor*

Fall 2023	Mason Hintermeister, Undergraduate student, Stony Brook University, teaching assistant for ANP 120 for required experiential learning credits
2022-present	Fifaliana Andriamanantena, Doctoral Student, University of Antananarivo, research development, funding, field mentorship (ZVNP), analyses/write-up advising
2022-2023	Isabel Arcusa, Master’s student, Stony Brook University, research development, data provision, analyses/write-up advising
2022	Talia Buchman, Undergraduate student, at large field assistant, funding, fieldwork mentorship (ZVNP)
Fall 2020	Sydney MacGregor and Angela Miles, Undergraduate students, Stony Brook University, teaching assistants for ANP 120 for required experiential learning credits
2019-2020	Anna Bockhaus, Master’s student, Stony Brook University, Research development, grant writing advising, funding, and fieldwork mentorship (ZVNP)
2019-2022	Luke Martin, Masters/Doctoral student, Australian National University, Research development, grant writing advising, funding, fieldwork mentorship (ZVNP), analyses/write-up advising
2018- present	Eva Stela Nomenjanahary, Masters/Doctoral Student, University of Antananarivo, research development, grant writing advising, funding, field mentorship (ZVNP), analyses/write-up advising

*To the Discipline*

June 2024-July 2024	Fulbright Alum Mentor for the Pre-Departure Orientation, Virtual, USA
June 2023-July 2023	Fulbright Alum Mentor for the Pre-Departure Orientation, Virtual, USA

*As peer reviewer*

1 conference	American Association of Biological Anthropology Program Committee
3 reviews	Primate Conservation, Incorporated
1 review	Madagascar Conservation and Development
1 review	Folia primatologica

***Volunteer Work and Community Outreach***

2020	Unitarian Universalist Fellowship at Stony Brook technical and logistics advisor for remote Sunday services over Zoom
2020	Last Chance Animal Rescue Dog Foster
February 2020	Long Island Science and Engineering Fair, Long Island, NY: Volunteer judge for a competition of science and engineering for local high school students
2015-2017	Chimpanzee Sanctuary Northwest, Cle Elum, WA, USA: Husbandry of chimpanzees retired from biomedical research, education and community outreach
2011-2013	Animal Room, Fort Lewis College, Durango, CO, USA: Husbandry of reptiles, fish, and education and community outreach
2010-2013	Wolfwood Refuge, Ignacio, Colorado, USA: Rescued wolf and wolf dog husbandry, education, and community outreach

## MEMBERSHIPS

### *Active since*

2024	American Association for the Advancement of Science
2019	American Association of Biological Anthropologists
2017	American Society of Primatologists
2017	Society of Systematic Biologists
2017	Lepidopterists' Society
2017	American Society of Mammalogists
2017	Animal Behaviour Society
2017	International Primatological Society
2015	Primate Awareness Network
2015	Graduate Student Association
2013	Tri Beta Biological Honor Society
2012	Phi Kappa Phi Honor Society