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## Katharine E.T.H. Thompson

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### *Academic Appointments*

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**2022 – present** Presidential Postdoctoral Fellow, Department of Anthropology, Penn State University  
**2022 – present** Postdoctoral Researcher, The Columbia Climate School, Columbia University  
**2022 – present** Research Assistant Professor, Department of Anthropology, Stony Brook University

### *Education*

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#### **Ph.D. in Anthropology**

Interdepartmental Doctoral Program in Anthropological Sciences  
Stony Brook University, 2022

#### **M.A. in Anthropology**

Interdepartmental Doctoral Program in Anthropological Sciences  
Stony Brook University, 2017

#### **B.A. in Anthropology**

#### **B.S. in Community, Environment & Development**

Penn State University, 2014 (*summa cum laude*, Phi Beta Kappa)

### *Research Interests*

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Human-wildlife interactions, wildmeat consumption, natural resource use as resilience, Madagascar and Sub-Saharan Africa, zoonotic disease spillover, wilderness risk management, participant ethnography and epidemiology, zooarchaeology, ethnoarchaeology, environmental justice, co-produced research

### *Publications*

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**Thompson, K. E.**, Borgerson, C., Wright, P.W., Randriamanetsy, J.M., Andrianantenaina, M.Y., Andriamavosoloarisoa, N. M., Razafindrahasy, A.T., Rothman, R.S., Surkis, C., Bankoff, R.J, Kling, K.J., Daniels, C., Twiss, K.C. (in prep). Ecosystem Feedback Effects of Human Livelihood Strategies in a Coastal Landscape. *Conservation Biology*.

**Thompson, K. E.**, Borgerson, C., Wright, P.W., Randriamanetsy, J.M., Andrianantenaina, M.Y., Andriamavosoloarisoa, N. M., Razafindrahasy, A.T., Rothman, R.S., Surkis, C., Bankoff, R.J, Twiss, K.C. (accepted). A coupled humanitarian and biodiversity crisis in Western Madagascar. Submitted at *International Journal of Primatology*.

Borgerson, C., Johnson, S.E., Hall, E., Brown, K.A., Narváez-Torres, P.R., Rasolofoniaina, B.J.R., Razafindrapaoly, B.N., Merson, S.D., **Thompson, K.E.**, Holmes, S.M. and Louis, E.E., (2021). A National-Level Assessment of Lemur Hunting Pressure in Madagascar. *International Journal of Primatology*, 1-22.

**Thompson, K. E.**, Bankoff, R. J., Louis, E. E., & Perry, G. H. (2016). Deadwood structural properties may influence aye-aye (*Daubentonia madagascariensis*) extractive foraging behavior. *International Journal of Primatology*, 37(2), 281-295.

### *Awards & Grants*

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**Summary of funding awarded to-date: \$26,900** in research grants; **\$130,000** in pre-doctoral fellowships; **\$116,000** in post-doctoral fellowships.

**Total Awarded: \$273,200**

2022	Bacardi Award for Best Oral Presentation (\$300)	Association of Tropical Conservation Biology
2022	Presidential Postdoctoral Fellowship (\$116,000)	Penn State University
2021	Board of Trustees Award for Outstanding Doctoral Research (\$10,000)	Stony Brook University
2020	Arts, Humanities, and Lettered Social Sciences Fellowship (\$5,000)	Stony Brook University
2019	Madeline Fusco Memorial Award (\$5,000)	Stony Brook University
2018	Small Grant for Equipment (\$900)	IdeaWILD
2018	Lemur Conservation Action Fund (\$4,000)	Global Wildlife Society
2018	Field Work Research Grant (\$5,000)	Am. Philosophical Society
2018	Rowe-Wright Grant (\$6,500)	Primate Conservation Inc.
2017-2020	Kalpna Launchpad Fellowship (\$20,000)	The Safina Center
2017	Rowe-Wright Grant (\$1,500)	Primate Conservation Inc.
2015	Rowe-Wright Grant (\$5,000)	Primate Conservation Inc.
2015	Primate Action Fund (\$4,000)	Conservation International
2015	Graduate Research Fellowship (\$90,000)	National Science Foundation

### *Conference Presentations*

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**Thompson, K. E.**, Borgerson, C., Wright, P.W., Randriamanetsy, J.M., Andrianantenaina, M.Y., Andriamavosoloarisoa, N. M., Razafindrahasy, A.T., Rothman, R.S., Surkis, C., Bankoff, R.J, Kling, K.J., Daniels, C., Twiss, K.C. 2022. "From Lobsters to

Lemurs: Ecosystem Feedback Effects of Human Livelihood Strategies in a Coastal Landscape.” Paper accepted for presentation at the 58th Annual Meeting of the Association for Tropical Biology and Conservation, Cartagena.

**K.E. Thompson**, C. Borgerson, P. C. Wright, J. M. Randriamanetsy, Y. M. Andrianantenaina, M. N. Andriamavosoloarisoa, T. A. Razafindrahasy, R. S. Rothman, C. Surkis, R. J. Bankoff and K. C. Twiss. 2022. “A coupled humanitarian and biodiversity crisis: lemur hunting and consumption in Western Madagascar.” Paper presented at the 91st Meeting of the American Association of Physical Anthropologists, Denver.

**K.E. Thompson**. 2018. “Preliminary Insights into Wildlife Exploitation in and around Kirindy Mitea, National Park.” Poster presented at the 87th Meeting of the American Association of Physical Anthropologists, Austin.

**K.E. Thompson**, W. Jungers. 2017. “New Estimates of Body Mass for “Giant” Subfossil Lemurs using Phylogenetic Regressions and Implications for Relative Brain Size, Life History and Risk of Extinction.” Poster presented at the 86th Meeting of the American Association of Physical Anthropologists, New Orleans.

**K.E. Thompson**, E. Louis, R. Bankoff, J. Sedera Solofondranohatra, and G. Perry. 2014. “Did you hear that? Properties of deadwood that influence extractive foraging in aye-aye (*Daubentonia madagascariensis*).” Paper presented at the 84th Meeting of the American Association of Physical Anthropologists, Calgary.

**K.E. Thompson**, E. Louis, A. Ratan, O. Bedoya-reina, R. Burhans, R. Lei, S. Johnson, S. Schuster, W. Miller, and G. Perry. 2013. “Aye-aye (*Daubentonia madagascariensis*) conservation, population genomics, and foraging ecology.” Poster presented at the 83th Meeting of the American Association of Physical Anthropologists, Knoxville.

## ***Research Experience***

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### **Field Research**

5/2017 – 7/2017 & 9/2018 – 3/2019

Used focal group and individual interviews in a village near Kirindy Mitea, National Park, Madagascar to elucidate trade-offs between livelihood strategies and wildlife exploitation. Self-identified hunters confirmed the on-going exploitation of both game and protected species. Examinations of the osteological material associated with both hunting and non-hunting households confirmed the regular consumption of several reported game species.

6/2012 & 5/2013–8/2013

Studied aye-aye evolutionary ecology and genetics including a field-based study of feeding preferences among deadwood resources and presence of *Canarium* trees in aye-ayes (*Daubentonia madagascariensis*) in Kianjavato, Madagascar. Conducted accompanying behavioral observations of aye-aye feeding behavior.

### **Lab Research**

5/2015 – 5/2016: Analyzed original data on the cross-sectional geometry of subfossil lemur femoral shafts, to create phylogenetically-informed body mass estimations for extinct lemur species.

1/2013 – 5/2013: Designed an exhibit on Animal Bone Archaeology for the newly renovated Pennsylvania State University’s Matson Museum of Anthropology, focusing on species identification, age and gender identification, human modification of bones. Designed display and wrote educational material.

## ***Teaching***

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### **Stony Brook University, as Instructor**

2021	ANT 350	Medical Anthropology
2018-2022	MAR 556	Marine Conservation’s “Three Rs:” Reading, Writing, Raising Money
2015-2021	ANP 300	Lab Section, Anatomy and Physiology

### **Stony Brook University, as Teaching Assistant**

2017	ANT 104	Introduction to Archaeology
2014	EBH 325	Evolution of Sex

## ***Public Outreach***

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### **Speaking**

2020 Safina Center Annual Dinner: Invited Speaker  
2019 Safina Center Annual Dinner: Invited Speaker  
2019 Three Villages Travel Club: Invited Speaker  
2017 East Hamptons Rotary Club: Invited Speaker  
2017 School for Field Studies: Invited Speaker

**Founder and Executive Director, The Amani Foundation** (May 2015 – present) 501(c)3 which manages and supports the Amani Children’s Home in Tanzania. As Executive Director, I increased our fundraising base by \$50,000 and designed the institution’s governing policies and protocols.