

KRISTINA GUILD DOUGLASS
Department of Anthropology & Institutes of Energy and the Environment
The Pennsylvania State University
321 Carpenter Building | University Park, PA 16802 | 814.865.2937 | kdouglass@psu.edu
<https://obtlab.la.psu.edu>

ACADEMIC APPOINTMENTS

2020-present	Sherwin Early Career Professor in the Rock Ethics Institute
2017- present	Assistant Professor of Anthropology and African Studies
2017- present	Research Associate, NMNH, Smithsonian Institution
2016-2017	Adjunct Professor of Anthropology, Department of Sociology and Anthropology, George Mason University
2016-2017	Peter Buck Postdoctoral Fellow, NMNH, Smithsonian Institution

EDUCATION

DPhil 2016	Yale University, Department of Anthropology
MPhil 2012	Yale University, Department of Anthropology
A.B. 2007	Dartmouth College, Department of Classics

RESEARCH INTERESTS

Human-environment interaction, paleoclimate, Sub-Saharan Africa, Madagascar and the Indian Ocean, historical ecology, the Anthropocene, geospatial informatics, zooarchaeology, extinctions, high-resolution imaging and materials characterization, radiocarbon, coastal and island archaeology, ethnoarchaeology, environmental justice, co-produced research

PEER-REVIEWED PUBLICATIONS

28. **Douglass, K.**, D. Gaffney, T. Feo, P. Bulathsinhala, A. Mack, M. Spitzer and G. Summerhayes. 2021. "Late Pleistocene/Early Holocene sites in the montane forests of highland of Papua New Guinea yield early record of cassowary hunting". *Proceedings of the National Academy of Sciences*. 118 (40) e2100117118. <https://doi.org/10.1073/pnas.2100117118>
27. **Douglass, K.**, L. Godfrey and D. Burney. In press. "The way of the future: new paleosciences research led by Malagasy scientists". *Malagasy Nature*.
26. Domic, A., S. Hixon, M. Velez, S. Ivory, **K. Douglass**, M. Brenner, J. Curtis, B. Culleton, and D. J. Kennett. In press. "The role of climate change, megafauna extinction and human occupation on terrestrial and aquatic ecosystem change during the late Holocene in southwestern Madagascar." Invited submission to *Frontiers in Ecology and Evolution*
25. **Douglass, K.** T. Feo, P. Bulathsinhala, T. Tighe, S. Whittaker, Z. Brand, H. James and T. Rick. 2021. "Modeling avian eggshell microstructures to predict ontogenetic age and reveal patterns of human-avifauna interaction." *Journal of Archaeological Science*. 133(105442): 1-15. <https://doi.org/10.1016/j.jas.2021.105442>
24. Davis, D., **K. Douglass**. 2021. "Remote sensing reveals lasting legacies of land-use by small-scale foraging societies." *Frontiers in Ecology and Evolution*. doi: 10.3389/fevo.2021.689399
23. Hixon, S., J.H Curtis, M. Brenner, **K. Douglass**, A.I. Domic, B.J. Culleton, D.J. Kennett. 2021. "Drought coincided with, but does not explain Late Holocene megafauna extinctions in SW Madagascar". *Climate*. 9(9): 138. <https://doi.org/10.3390/cli9090138>
22. Hixon, S., **K. Douglass**, B. Crowley, L. Rakotozafy, G. Clark, A. Anderson, S. Haberle, J.F. Ranaivoarisoa, M. Buckley, S. Fidiarisoa, B. Mbola, D.J. Kennett. 2021. "Late Holocene spread

- of pastoralism coincides with endemic megafauna extinction on Madagascar”. *Proceedings of the Royal Society B*. 288(20211204): 1-10.
21. Hixon, S., **K. Douglass**, L. Godfrey, L. Eccles, B. Crowley, L. Rakotozafy, G. Clarke, S. Haberle, A. Anderson, H. Wright, D. J. Kennett. 2021. “Ecological consequences of a millennium of introduced dogs on Madagascar”. *Frontiers in Ecology and Evolution*. doi: 10.3389/fevo.2021.689559
 20. **Douglass, K** and T. Rasolondrainy. 2021. “Social memory and niche construction in a hypervariable environment”. e23557. *American Journal of Human Biology*. <https://doi.org/10.1002/ajhb.23557>
 19. Gaffney, D., G. Summerhayes, S. Luu, J. Menzies, **K. Douglass**, M. Spitzer and S. Bulmer. 2021. “Small game hunting in montane rainforests: specialized capture and broad spectrum foraging in the Late Pleistocene to Holocene New Guinea Highlands.” 253:106742. *Quaternary Science Reviews*. <https://doi.org/10.1016/j.quascirev.2020.106742>
 18. Leppard, T., R. J. DiNapoli, J. F. Cherry, **K. Douglass**, J. M. Erlandson, T. L. Hunt, P. V. Kirch, C. P. Lipo, C. Malone, S. O’Connor, S. E. Pilaar Birch, T. C. Rick, T. M. Rieth, J. A. Swift. 2021. “The Premise and Potential of Model-based Approaches to Island Archaeology: A Response to Terrell”. *Journal of Island and Coastal Archaeology*. <https://doi.org/10.1080/15564894.2021.1904463>
 17. Davis, D., D. Buffa, T. Rasolondrainy, E. Creswell, C. Anyanwu, A. Ibiroga, C. Randolph, A. Ouarghidi, F. Lahiniriko, Z. Chrisostome, G. Manahira and **K. Douglass**. 2021. The aerial panopticon and the ethics of aerial remote sensing in archaeology. *Archaeological Prospection*. <https://doi.org/10.1002/arp.1819>
 16. Jones, J., A. Pisor, **K. Douglass**, R. Bliege Bird, E. Ready, A. Hazel, J. Hackman, K. Kramer, T. Kohler, H. Pontzer, M. Towner. 2021. “How can evolutionary and biological anthropologists engage broader audiences?” *American Journal of Human Biology*. <https://doi.org/10.1002/ajhb.23592>
 15. **Douglass, K.** and J. Cooper. 2020. “Archaeology, environmental justice and climate change on islands of the Caribbean and Southwestern Indian Ocean”. *Proceedings of the National Academy of Sciences*. 117(15): 8254-8262.
 14. **Douglass, K.** 2020. “Amy ty lilin-draza’ay: Building archaeological practice on principles of community”. Submitted to the COVID-19 Forum, *African Archaeological Review*. DOI: 10.1007/s10437-020-09404-8
 13. Davis, D., DiNapoli, R. and **K. Douglass**. 2020. “Integrating Point Process Models, evolutionary ecology and traditional knowledge improves landscape archaeology – a case from southwest Madagascar” *Geosciences*. 10(8): 287.
 12. Davis, D. and **K. Douglass**. 2020. Aerial and Spaceborne Remote Sensing in African Archaeology: A Review of Current Research and Potential Future Avenues. *African Archaeological Review*. 37(1): 9-24.
 11. Davis, D; V. Andriankaja, C. L. Tahirisoa, Z. M. Chrisostome, C. Colombe, F. Fenomanana, L. Hubertine, R. Justome, F. Lahiniriko, H. Léonce, G. Manahira, B. V. Pierre, R. Razafimagnefa, P. Soafiavy, V. Faralahy, V. Vavisoa, B. Manjakahery and **K. Douglass**. 2020. Satellite-based remote sensing rapidly reveals extensive record of Holocene coastal settlement on Madagascar. *Journal of Archaeological Science*. 115(105097): 1-13.
 10. **Douglass, K.**, S. Hixon, H. T. Wright, L. R. Godfrey, B. E. Crowley, B. Manjakahery, T. V. R. Rasolondrainy, Z. Crossland, and C. Radimilahy. 2019. "A critical review of radiocarbon dates clarifies the human settlement of Madagascar." *Quaternary Science Reviews* 221 (105878):1-11.
 9. **Douglass, K.**, E. Quintana Morales, G. Manahira, F. Fenomanana, R. Samba, F. Lahiniriko, Z. M. Chrisostome, V. Vavisoa, P. Soafiavy, R. Justome, H. Leonce, L. Hubertine, B.V. Pierre, C. Tahirisoa, C. S. Colomb, F. S. Lovanirina, V. Andriankaja, and R. Robison. 2019. "Toward a just and inclusive environmental archaeology of southwest Madagascar." *Journal of Social Archaeology* 19(3), 307-332. doi: 10.1177/1469605319862072.

8. Archaeoglobe Project [incl. **K. Douglass**]. 2019. "Archaeological assessment reveals Earth's early transformation through land use." *Science* 365 (6456):897-902. doi: 10.1126/science.aax1192.
7. Swift, J., M. Bunce, J. Dortch, **K. Douglass**, T. Faith, J. F. Yates, J. Field, S. Haberle, E. Jacob, C. Johnson, E. Lindsey, E. Lorenzen, J. Louys, G. Miller, A. Mychajliw, P. Roberts, V. Slon, N. Villavicencio, M. Waters, F. Welker, R. Wood, and N. Boivin. 2019. "Micro-Methods for Megafauna: Novel approaches to the study of Late Quaternary Extinctions and their contributions to conservation in the Anthropocene." *BioScience*. 69(11), 877-887.
<https://doi.org/10.1093/biosci/biz105>
6. **Douglass, K.**, J. Walz, E. Quintana Morales, R. Marcus, G. Myers and J. Pollini. 2019. "Historical Perspectives on Contemporary Human Environment Dynamics in Southeast Africa." *Conservation Biology*, 33(2), 260-274. <https://doi.org/10.1111/cobi.13244>
5. **Douglass, K.**, A. Antonites, E. Quintana Morales, A. Greal, M. Bunce, C. Gough and C. Bruwer. 2018. "Multi-Analytical Approach to Zooarchaeological Assemblages Elucidates Late Holocene Coastal Lifeways in Southwest Madagascar." *Quaternary International*. 471, 111-131.
<https://doi.org/10.1016/j.quaint.2017.09.019>
4. Antonites, A. **K. Douglass**, V. Linseele. 2018. "African Archaeozoology Today: Multi-Analytical Approaches to Human-Animal Interactions in the African Past." *Quaternary International*. 471, 1-5. <https://doi.org/10.1016/j.quaint.2018.04.009>
3. Greal, A., **K. Douglass**, J. Haile, C. Bruwer, C. Gough and M. Bunce. 2016. "Tropical Ancient DNA from Bulk Archaeological Fish Bone Reveals The Subsistence Practices of an 18th Century Coastal Community in Southwest Madagascar." *Journal of Archaeological Science*, 75: 82-88.
<http://dx.doi.org/10.1016/j.jas.2016.10.001>
2. **Douglass, K.** 2016. "The Diversity of Late Holocene Shellfish Exploitation in Velondriake, Southwest Madagascar." *The Journal of Island and Coastal Archaeology*, 12: 333-359. doi: 10.1080/15564894.2016.1216480
1. **Douglass, K.**, and J. Zinke. 2015. "Forging Ahead by Land and by Sea: Archaeology and Paleoclimate Reconstruction in Madagascar." *African Archaeological Review*, 32(2): 267-299. doi: 10.1007/s10437-015-9188-5

Books

Crossland, Z, C. Radimilahy, and **K. Douglass**, eds. Under contract. "The Malagasy World." *Routledge Worlds*

Book Chapters

Godfrey, L. and **K. Douglass**. In press. "New insights into the relationship between human ecological pressures and the vertebrate extinctions". In Goodman, S. M. (ed.), *The New Natural History of Madagascar*. Princeton: Princeton University Press.

Manuscripts in Review

- Pisor, A., X. Basurto, **K. Douglass**, K. Mach, E. Ready, J. Tylianakis, A. Hazel, M. Kline, K. Kramer, J. S. Lansing, M. Moritz, P. Smaldino, T. Thornton, J. H. Jones. "Five lessons about human adaptation to climate change". *Nature Climate Change*
- Phelps, L. N., N. Andela, M. Gravey, D. Davis, C. Kull, **K. Douglass**, C. Lehmann. In review. "Madagascar's fire regimes: debunking old assumptions and unveiling global context. *Global Change Biology*
- S.M. Fitzpatrick, C.M. Giovas, **K. Douglass**, G.M. Sanchez, and J.M. Erlandson. In review. "Scholarly Productivity and Influence in American Archaeology". *American Antiquity*
- Alleway, H., L. Cameron, **K. Douglass**, I. Govia, C. Guell, E. Klein, M. Lim, L. Robin, R. Thurstan. "Revisioning the shifting baselines syndrome for a world of change". *One Earth*

- Davis, D. and **K. Douglass**. In review. "Landscape dynamics and settlement patterns in southwest Madagascar since the Late Holocene". In Crossland, Z, C. Radimilahy, and K. Douglass, eds. "The Malagasy World". *Routledge Worlds*
- Buffa, D., G. Manahira, Z. M. Chrisostome, F. Fenomanana, R. Samba, F. Lahiniriko, V. Vavisoa, P. Soafiavy, R. Justome, H. Leonce, L. Hubertine, B. V. Pierre, C. Tahirisoa, C. Colombe, F. S. Lovanirina, V. Andriankaja, R. Robison, **K. Douglass**. In review. "Adorning Localities: An Investigation of Shell Beads in Holocene Southwestern Madagascar." *The Journal of Island and Coastal Archaeology*

Manuscripts in Preparation

- Douglass, K.** "Problems and prospects in the archaeology of Madagascar". Invited submission to *Journal of Archaeological Research*
- Hixon, S., D. Davis, B.J. Culleton, L. Eccles and **K. Douglass**. In prep. "The reliability of eggshell calcite ¹⁴C and stable isotope data". For submission to *Radiocarbon*
- Rivera-Prince, J., E. Leclerc, E. Blackwood, F. St. Amand, H. Landazuri, **K. Douglass**, K. Maasch, M. Barnes, M. Gutiérrez, S. Herr, D. Sandweiss. In prep. Equity in Archaeology: Community, Theory and Practice. For submission to *Advances in Archaeological Practice*.
- Davis, D., T. Rasolondrainy, S. Hixon, G. Manahira, V. Andriankaja, L. Hubertine, R. Justome, F. Lahiniriko, H. Léonce, R. Roi, F. Victorian, C. Colombe, V. Vavisoa, C. L. Tahirisoa, B. Manjakahery, **K. Douglass**. "Evidence of extensive social networks and information transfer on Madagascar since the Late Holocene." For submission to *Antiquity*.
- Grealy, A., G. Miller, M. Phillips, M. Fogel, D. Patalwala, P. Rigby, A. Buckley, **K. Douglass**, J. Haile, and M. Bunce. Revising. "Molecular audit of fossil eggshell finds novel ootaxon of giant extinct bird."

Book Reviews

- K. Douglass**. 2018. "Histoire et voyages des plantes cultivées à Madagascar avant le XVI^e siècle." Beaujard, P. 2017. Karthala. *African Archaeological Review*, 35:2: 339-340
<https://doi.org/10.1007/s10437-018-9292-4>

GRANTS AND FELLOWSHIPS

Summary of funding awarded to-date: \$282,740 in research grants; **\$192,500** in pre-doctoral fellowships; **\$296,000** in post-doctoral fellowships; **\$28,111** in training grants; **\$5,293** in academic conference funds; **\$36,500** for public outreach and diversity, equity and inclusion initiatives
Total Awarded: \$841,144

Pending

- 2021 National Science Foundation**
 Collaborative Research: Human niche construction and resilience in a hypervariable climate (PI K. Douglass; co-PI E. Quintana Morales): \$439,995
- 2021 National Science Foundation**
 DISES: Upscaling adaptation: The coupling of climate-change adaptation and human social networks (PI A. Pisor, Co-PIs K. Douglass, J. Jones, E. Ready, Z. Almquist): \$1,598,784
- 2021 European Research Council**
 AMASED: African MontAne Social Ecological Dynamics (Collaborator K. Douglass; PIs Robert Marchant, Daryl Stump, Lindsey Gillson, Unai Pascual): €10,000,000

Awarded

External Sources

- 2021** *The Carnegie Corporation of New York*
Andrew Carnegie Fellow 2021-2022: Toward an inclusive archaeology of climate change: \$200,000
- 2021** *The National Geographic Society*
Enduring Impacts of Climate and People on the Landscape of Southwest Madagascar: \$79,995. NGS-77912R-21
- 2020** *Microsoft*
Azure AI for Earth Grant (co-PI D. Davis): \$15,000
- 2017** *The Wenner Gren Foundation*
Post-PhD Research Grant (co-PI B. Tucker): \$19,984
- 2017** *The Max Planck Institute for the Science of Human History*
Megafauna Extinctions Research Grant: \$11,000
- 2016-** *The Smithsonian Institution, National Museum of Natural History*
2017 Peter Buck Postdoctoral Fellowship: \$48,000 (stipend) per year (2 years); \$1,000 research funds
- 2016** *The Society for Africanist Archaeologists*
Student Travel Award: \$805
- 2013** *The Philanthropic Education Organization (PEO)*
PEO Scholar Award Recipient: *The Morombe Archaeological Project*: \$15,000
- 2012** *The Bead Society of Greater Washington*
Museum curation, exhibit design and public outreach award: \$4,500
- 2011** *The National Science Foundation*
Graduate Research Fellowship, 2011-2014: \$30,000 (stipend) plus \$10,000 (tuition) per year (3 years)
- 2011** *DACOR Bacon House Foundation*
Dreyfus Memorial Scholarship: \$12,500

Internal Sources

- 2021** *Penn State Institutes for Energy and the Environment*
Seed grant (with Eric Burkhardt) *Farafatse (Givotia madagascariensis)* decline and livelihood sustainability in SW Madagascar: \$30,000
- 2021** *Penn State Equal Opportunity Planning Committee (EOPC)*
Seed grant (with Kirk French) Anthropological Research in Science Education (ARISE) at Penn State: \$29,200
- 2021** *Penn State Roe Fund for a Just and Sustainable Future*
Curriculum development grant: "Black Ecologies": \$3,675
- 2019** *Penn State Center for Humanities and Information*
Digital Humanities Seed Grant (over 3 years): *Vezo Ecological Knowledge Exchange*: \$25,000
- 2019** *Penn State Africana Research Center*
Research Grant: *Vezo Ecological Knowledge Exchange*: \$2,000
- 2019** *Penn State Institute for Computational and Data Sciences*
Seed Grant (co-PI Dylan Davis): *Machine Learning and the Preservation of Cultural Heritage on Madagascar*: \$25,000
- 2018** *Penn State Center for Security Research and Education*
Seed Grant: *Vezo Ecological Knowledge Exchange*: \$15,000
- 2012** *Yale Institute for Biospheric Studies*
Dissertation Improvement Grant: *The Morombe Archaeological Project*: \$10,000
- 2011** *Yale University MacMillan Center for International and Area Studies*
MacMillan Dissertation Grant: *The Morombe Archaeological Project*: \$15,000
- 2012** *Yale University Council on Archaeological Studies*
MacMillan Pre-Dissertation Grant: *The Morombe Archaeological Project*: \$4,000

- 2016 Michael Coe Fieldwork Fund: Archival research: \$1,183
 2014 Augusta Hazard Fund: *The Morombe Archaeological Project*: \$6,510
 2012 Augusta Hazard Fund: British School at Athens Petrography Course: \$2,342
 2011 Michael Coe Fieldwork Fund: *The Morombe Archaeological Project*: \$2,576
 2010 Josef Albers Traveling Fund: Excavations in Huanchaco, Peru: \$4,500
 2010 Michael Coe Fieldwork Fund: Excavations in Limpopo, South Africa: \$2,500
 2009 Michael Coe Fieldwork Fund: University of Chicago Archaeological Field School, Ngasobil, Senegal: \$8,500
Yale University Department of Anthropology
 2014 Schwartz Family Foundation Fund: to present at The Society for Africanist Archaeology/Pan-African Congress, Johannesburg, South Africa: \$1,000
 2011 Williams Fund: Archaeological reconnaissance of Morombe, Madagascar: \$3,000
 2010 Schwartz Family Foundation Fund: to present at the 109th Annual Meeting of the American Anthropological Association: \$750
 2009 Schwartz Family Foundation Fund: to attend the 108th Annual Meeting of the American Anthropological Association: \$750
Yale University Graduate School of Arts and Sciences
 2014 University Dissertation Fellowship stipend and tuition, 2014-15 academic year
 2010 University Fellowship, stipend and tuition, 2010-14 academic years
 2009 **Allan H. Smith Fellowship**, stipend and tuition, 2009-10 academic year
Dartmouth College and Phillips Academy Andover
 2004 **Dartmouth-Andover Scholarship**: full tuition and fees to complete an A.B. at Dartmouth College, 2004-2007

Funding for Public Outreach

- Rotary International District Grants***
 2018 The Andavadoaka Library Project and MAP Scholarship: \$1,200
 2015 The Andavadoaka Library Project and MAP Scholarship: \$2,000
 2014 The Andavadoaka Library Project and MAP Scholarship: \$2,400
 2014- ***GoFundMe.com***
 2015 The MAP Scholarship: \$2,900

AWARDS

- The Ford Foundation***
 2011 Honorable Mention and Alternate Awardee in the Predoctoral Fellowship competition
 2010 Honorable Mention and Alternate Awardee in the Predoctoral Fellowship competition
Dartmouth College
 2007 Office of Black Student Advising Academic Honors
 2006 Office of Black Student Advising Academic Honors
 2006 Citation for Academic Excellence in Classical Studies 2, Spring Term
 2006 Citation for Academic Excellence in Greek 30, Summer Term
 2005 Office of Black Student Advising Academic Honors
 2004 Office of Black Student Advising Academic Honors
 2004 Third Honor Group, academic year 2003-2004
 2004 First Year Office Academic Honors, academic year 2003-2004

ACADEMIC SERVICE

- 2021 Invited Editor, *Proceedings of the National Academy of Sciences*
 2021 Nominator, Pew Marine Fellows Program, *Pew Charitable Trusts*

2021	Social Justice Advisory Council, Office of the Senior Vice President for Research, Penn State University
2020-present	Archaeology Center Representative, Society of Black Archaeologists
2020-present	Guest Editor, <i>Malagasy Nature</i>
2020-present	Editorial board member, <i>Journal of Anthropological Archaeology</i>
2020-present	Editorial board member, <i>African Archaeological Review</i>
2020-present	Editorial board member, Elements series, <i>Cambridge University Press</i>
2019-present	Associate Editor, <i>Journal of Ethnobiology</i>
2018-present	Associate Editor, <i>Journal of Island and Coastal Archaeology</i>
2017-2018	Book Review Editor, <i>Journal of Island and Coastal Archaeology</i>
2016-2018	Guest Editor, <i>Quaternary International</i>
2016-2019	Co-Editor, <i>The Current: Newsletter of the Island and Coastal Archaeology Interest Group</i> , Society for American Archaeology

SYNERGISTIC ACTIVITIES

2020	Panelist, “Climate Change and Climate Goals: The Paris Agreement Today”, moderated by Mary Robinson, Former President of Ireland, and producer Thimali Kodikara, hosted by the American Museum of Natural History
2020	Guest, Mothers of Invention podcast (S3 Ep2), co-hosted by Mary Robinson, Former President of Ireland, and Maeve Higgins, Comedian and Author
2018-2020	Advisor for documentary film “Felicia: the life of an octopus fisherwoman”, showcased at the Smithsonian’s Mother Tongue Film Festival, DC Environmental Film Festival and Yale Environmental Film Festival
2012-	Founder and collaborator for the Andavadoaka community library

SELECT INVITED TALKS

- Douglass, K.** 2021. “Toward an engaged science of human-environment interaction”, Lamont-Doherty Earth Observatory and Department of Earth and Environmental Sciences Seminar, Columbia University
- Douglass, K.** 2021. “Approches intégratives et inclusives pour l’étude de la dynamique homme-environnement dans le sud-ouest de Madagascar, Institut Fondamental d’Afrique Noire, Université Cheikh Anta Diop, Dakar, Sénégal
- Douglass, K.** 2020. “Integrative and inclusive approaches to human-environment dynamics in SW Madagascar”, Ecology and Evolutionary Biology Department Seminar, Princeton University
- Douglass, K.** 2020. “On equity, inclusion and justice in environmental archaeology”, Keynote for the 41st meeting of the Association of Environmental Archaeology
- Douglass, K.** 2018. “Humanizing the Anthropocene of Madagascar”, William Fagg Memorial Lecture, The British Museum
- Douglass, K.** 2018. “Human-Environment Dynamics in Madagascar Archaeology: Chronology vs. Process”, African Archaeology Group Seminar, McDonald Institute for Archaeological Research, University of Cambridge
- Douglass, K.** 2018. “Environmental Archaeology and Late Holocene Lifeways of Southwest Madagascar”, Environmental Archaeology Seminar Series, Dartmouth College
- Douglass, K.** 2017. “Humanizing the Anthropocene of Madagascar”, Natures Colloquium Series, the University of Pennsylvania
- Douglass, K.** 2017. “The Anthropocene of Madagascar”, National Geographic Society, Washington, D.C.
- Douglass, K.** 2017. “Late Holocene Resource Exploitation and Settlement in the Velondriake Marine Protected Area, Southwest Madagascar”, Department of Anthropology, The University of Virginia, Charlottesville, VA

- Douglass, K.** 2017. “Integrating Archaeology and Conservation in Southwest Madagascar”, Smithsonian Environmental Research Center. Edgewater, MD
- Douglass, K.** 2016. “The Archaeology of Velondriake, Southwest Madagascar”, invited talk for the Smithsonian’s Center for Conservation and Evolutionary Genetics, National Zoological Park, Washington, D.C.

SELECT CONFERENCE PAPERS AND POSTERS

- Douglass, K.,** S. Hixon, H. Wright, L. Godfrey, B. Crowley, B. Manjakahery, T. Rasolondrainy, Z. Crossland, C. Radimilahy. 2019. “A critical review of radiocarbon dates clarifies the human settlement of Madagascar”, paper presented at the 84th Annual Meeting of the Society for American Archaeology, Albuquerque, NM
- Douglass, K. ,** G. Manahira, F. Fenomanana and V. Vavisoa. 2018. “Integrated people, practice and knowledge in the archaeology of southwest Madagascar”, paper presented at the 83rd Annual Meeting of the Society for American Archaeology, Washington, DC
- Douglass, K.** and H. Wright. 2017. “The Anthropocene of Madagascar”, paper presented at the 82nd Annual Meeting of the Society for American Archaeology, Vancouver, BC
- Douglass, K.** 2017. “New Methodological and Theoretical Approaches to Understanding Human-Ratite Interactions and Ratite Extinctions”, paper presented at Megafauna Extinctions Workshop, The Max Planck Institute for the Science of Human History, Jena, Germany
- Douglass, K.** 2016. “Spontaneous Belonging and Dynamic Flexibility: Archaeological, Historical and Ethnographic Understandings of Social Identity on the Spiny Desert Coast of Velondriake, Southwest Madagascar”, paper presented at the 59th Annual Meeting of the African Studies Association, Washington, D.C.
- Douglass, K.** 2016. “The Archaeology of Settlement, Resource Exploitation and Interaction in the Velondriake Marine Protected Area, Southwest Madagascar, ca. 900 BC to AD 1900, paper presented at the 23rd Biennial Meeting of the Society for Africanist Archaeologists, Toulouse, France
- Grealy, A.; **K. Douglass;** J. Haile, M. Bunce, C. Bruwer and C. Gough. 2016. “Application of aDNA Bulk Bone Metabarcoding to an Archaeological Fish Bone Assemblage from Velondriake, Southwest Madagascar”, paper presented at the 23rd Biennial Meeting of the Society for Africanist Archaeologists, Toulouse, France
- Douglass, K.** 2016. “Resource Exploitation Patterns in the Velondriake Marine Protected Area, Southwest Madagascar, ca. 900 BC-AD 900”, paper presented at the 81st Annual Meeting of The Society for American Archaeology, Orlando, FL

RESEARCH AND FIELDWORK

- | | |
|--------------|---|
| 2017-present | Principal Investigator, <i>Megafauna Extinctions in SW Madagascar</i> |
| 2017-present | Principal Investigator, <i>Testing Models of Cultural Change through Archaeological Survey and Oral History among Mikea Agro-Pastoralists of SW Madagascar</i>
Co-PI: Dr. Bram Tucker, Department of Anthropology, University of Georgia |
| 2016-present | Principal Investigator, <i>SEM and Micro-CT Study of Egg Harvesting and Consumption Patterns: Human Impacts on Madagascar’s Elephant Birds</i> |
| 2016-present | Principal Investigator, <i>SEM and Micro-CT Study of Egg Harvesting and Consumption Patterns: Human Impacts on the Moa of New Zealand</i>
Co-PI: Dr. Richard Walter, Department of Anthropology and Archaeology, University of Otago, Dunedin, New Zealand |
| 2014 | Co-Principal Investigator, <i>Elephant Bird Eggshell Starch Grain Residue Project</i>
PI: Dr. Neil Duncan, Department of Anthropology, University of Central Florida; Co-PI: Tricia Owlett, Department of Anthropology, Stanford University |

- 2014 Co-Principal Investigator, *A Comparative Study of Eggshell Pore Morphology of Palaeognath Birds*
Co-PI's: Dr. Will Jaeckle and Dr. Given Harper, Department of Biology, Illinois Wesleyan University
- 2011-present Principal Investigator, *The Morombe Archaeological Project, Atsimo-Andrefana, Madagascar*
- 2011 Trench Supervisor, *Andavakoera Survey and Excavation, Antsingy-Antsiranana, Madagascar*. Principal Investigators: Dr. Henry Wright, University of Michigan and Dr. Robert Dewar, University of Connecticut
- 2011 Surveyor, *Ivato Survey, Antananarivo, Madagascar*
Principal Investigator: Dr. Henry Wright, University of Michigan
- 2010 Trench Supervisor, *Waterpoort Archaeological Project, Limpopo Valley, South Africa*
Principal Investigator: Dr. Alexander Antonites, University of Pretoria
- 2010 Faunal Analyst, *An Archaeological Investigation of Zhizo/Leokwe Foodways at Schroda and Pont Drift, Limpopo Valley, South Africa*
Principal Investigator: Dr. Annie Antonites, University of South Africa
- 2010 Trench Supervisor, *Pampa Gramalote Archaeological Project, Huanchaco, Peru*
Principal Investigator: Dr. Gabriel Prieto, National University of Trujillo
- 2009 Field School Student, *Yale University Council on Archaeological Studies Field School, Bethlehem, PA*. Directors: Dr. John Hale, University of Louisville and Dr. Jason Nesbitt, Tulane University
- 2009 Field School Student, *University of Chicago Summer Archaeological Field School, Ngasobil, Senegal*. Directors: Dr. François Richard, University of Chicago and Dr. Ibrahima Thiaw, Université Cheikh Anta Diop de Dakar

TEACHING

- 2017- Assistant Professor, ANTH 572 (Advanced Anthropological Methods); ANTH 152 (Hunter-Gatherers), ANTH 497 (African Archaeology), ANTH 009 (Rise of Old World Civilizations), Department of Anthropology, Penn State University, University Park, PA
- 2016 Adjunct Professor, ANTH 370 (Environment and Culture), Department of Sociology and Anthropology, George Mason University, Fairfax, VA
- 2011- Director and Archaeological Field Methods Instructor, Archaeological Research Center, Andavadoaka, Madagascar
- 2011- Social Sciences Graduate Writing Fellow, The Graduate Writing Center, Yale University, 2016 New Haven, CT
- 2012 Teaching Assistant for "Landscapes of Meaning: Museums and their Objects" Department of Anthropology, Yale University, New Haven, CT
- 2012 Instructor for "African Material Culture Workshop", Yale University Art Gallery, New Haven, CT
- 2008- Lecturer in French, Department of Romance Languages, the University of Pennsylvania, 2009 School of Arts and Sciences, Philadelphia, PA
- 2007- French and Russian Instructor for Accelerated Language Programs (ALPS), The Rassias 2008 Foundation at Dartmouth College, Hanover, NH
- 2003- French Instructor for Apprentice Teacher Program, Dartmouth College, Department of 2007 French and Italian, Hanover, NH
- 2006 Teaching Assistant for Classical Mythology, Dartmouth College, Department of Classics, Hanover, NH
- 2003- Open Water, Advanced Open Water and Rescue Diver SCUBA Instructor, Dartmouth 2004 College, Department of Physical Education, Hanover, NH

2003 Assistant Open Water SCUBA Instructor and Divemaster, Mermaids Dive School, Pattaya, Thailand

ADDITIONAL TRAINING

2012 Ceramic Petrology, The Fitch Laboratory, British School at Athens
2014 CartoDB Mapping. Instructor: Andrew Hill, CartoDB
2012 Advanced Skills with GIS Data and ArcGIS. Instructor: Stacey Maples, Yale University

EMPLOYMENT

2011-2012 Research and Public Outreach Intern for the Timeline Bead Collection, Peabody Museum, Yale University, New Haven, CT
2009-2011 Research Assistant, Dept. of Anthropology, Yale University, New Haven, CT
2004-2007 Research Assistant, Dept. of Classics, Dartmouth College, Hanover, NH

PROFESSIONAL MEMBERSHIPS

- The Society of Black Archaeologists
- The Society for American Archaeology
- The American Anthropological Association
- The Society for Africanist Archaeologists
- The African Studies Association
- The Association for Southern African Professional Archaeologists
- Professional Association of Diving Instructors (PADI): Open Water SCUBA and Emergency First Response Instructor #1883351

LANGUAGES

- English and French: Native speaker
- Vezo and Merina (Malagasy): Highly proficient
- Russian, German and Spanish: Proficient speaking, reading and writing
- Latin and Ancient Greek: Proficient reading and translating