

Alexandra Sutton Lawrence, Ph.D.

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EDUCATION

M.A. Folklore (American Studies) University of North Carolina at Chapel Hill	2022
Ph.D. Environment Doctoral Certificate in Global Health, Duke University	2017
M.S. Wildlife & Fisheries Sciences, Texas A&M University	2009
B.S. Biology, Chemistry Minor, Howard University	2007

RELEVANT PROFESSIONAL EXPERIENCE

Vice President of Conservation, Justice & Equity | Ocean Conservancy Apr 2021 –

- Executive leadership/key personnel role; provided strategic leadership and oversight for integrating equity into the national and global-scale conservation work of Ocean Conservancy
- Managed a Board-determined starting budget of \$2.5 million.

Senior Regional Director, Southeast | The Wilderness Society Jan – Mar 2021

- Senior leadership; provided strategic leadership and oversight for the Southeast team in meeting organizational goals to increase federal land protections; build strong, collaborative relationships with ethnic & cultural communities; and increase climate resilience across the southeastern USA.

Southeast Regional Program Director | The Wilderness Society Sep 2018 – Jan 2021

- Key personnel during 2019 – 2020 organization-wide Strategic Planning process; co-leader of an internal 30x30 strategic planning transitional team.
- Managed team of two Conservation Specialists and regional discretionary budget up to \$100,000.
- Expanded partnerships with historically marginalized communities through creation of the Great Dismal Swamp Stakeholder Collaborative and East Coast Indigenous Landscapes Partnership.

Program Director | Duke Initiative for Science & Society Dec 2017 – Sep 2018

- Directed the activities of the Duke Science Policy Tracking Program (SciPol), including overseeing a comprehensive website redesign; hiring of new staff; and the development of new programmatic partnerships.
- Managed the SciPol workforce of lead editors, interns, student writers and course instructors; recruited new team members and participated in hiring interviews for the broader Science & Society Initiative.
- Designed and established a new Science Policy Summer Institute at Duke, identified and recruited course instructors, designed curriculum, created and implemented marketing plan, and recruited students.
- Served on examination committee for students in the MA of Bioethics & Science Policy degree.

Postdoctoral Fellow & Lead Editor, Energy Policy April – Dec 2017

- Led institutional partners (Duke University Energy Initiative; Duke Initiative for Science and Society) in the design and launch of the new Energy pillar within the Duke Science Policy Tracking Program, including website design, production of original policy content, solicitation of expert perspective pieces, workforce recruitment, and grant writing/development activities.
- Authored policy briefs and analyses on policy and legislation recently proposed or enacted by federal, state, or Tribal governments on energy security & expansion.

- Managed workforce of interns, student writers and course instructor; developed and won funding for course on Policy Writing & Analysis for Energy/Environment

Legislative Aide, Office of Delegate Sandy Rosenberg | Maryland House of Representatives Jan – April 2012

- Drafted HB 680 – a bill proposing to incorporate agricultural education into existing Maryland science education standards.
- Conducted general research on agriculture and environmental matters in the State of Maryland to advise the Delegate; attended committee meetings & briefings on his behalf.

Contract Staff, Science Policy & Public Affairs | Consortium for Ocean Leadership Dec 2011 – May 2012

- Co-authored white paper: ‘Ocean Observatories as part of a National Ocean Economy’ & assisted with planning for Public Policy Forum during Capitol Hill Oceans Week, conducted research for Congressional briefings and maintained policy database.

Science Communication Intern, Integrated Ocean Drilling Program June – Dec 2011

- Wrote press releases, internal + external newsletters, scientist feature pieces, and other materials.

DIVERSITY, EQUITY & INCLUSION

Member, Green Leadership Trust	2021 – Present
Founding Member of the Diversity & Inclusion Committee The Explorers Club	2020 – Present
Leadership Team Member Great Dismal Swamp Stakeholder Collaborative	2019 – Present
SEEDS Advisory Board Member Ecological Society of America	2018 – Present
Founding Member of the Equity, Inclusion & Diversity Committee Society for Conservation Biology	2014 – Present
Alumni Mentor, Strategies for Ecology Education, Diversity & Sustainability (SEEDS) Ecological Society of America Annual Meeting 2014	2014
Participant, Inaugural Cohort, BioCoRE Program Office of Biomedical Graduate Diversity, Duke University	2013
Participant, Cohort VII, Minorities Striving and Pursuing Higher Degrees of Success (MS PHDS) in Earth System Science Initiative National Science Foundation Institute for Broadening Participation	2009 - 2011
Chapter President, Minorities in Agriculture, Natural Resources & Related Sciences (MANRRS), Colorado State University	2009

RESEARCH

Principal Investigator, Master’s Research April 2020 – May 2022

Indigenous Narratives: the Migration Histories of the Midwestern Saponi (Yesàh)

- Collecting community stories, histories & memories of the Hopeful Migration (1805 – 1865) from members of Midwestern Saponi communities (across Ohio, Indiana, and Michigan).
- Combining geospatial data with extracted geographies from historical documents (1800 – 1940) and Midwestern Saponi community narratives of place, Indigeneity, and Afro-Indigeneity to create a cultural map of the Tutelo-Saponi (Yesàh) diaspora.

Software Used: Microsoft Suite, NVivo, ArcGIS, Google Earth, Tableau, Qualtrics

Principal Investigator May 2019 – March 2021
Mapping Cultural-Ecological Landscapes in the Southeastern U.S. *Southeast USA*

- Leading an applied project to map culturally significant and ecologically endangered landscapes across the southeastern United States (Virginia, North Carolina, South Carolina, Georgia, and Tennessee) by conducting a literature review/meta-analysis and a series of qualitative surveys within historically marginalized communities.

Software Used: Microsoft Suite, NVivo, ArcGIS, Google Earth, Tableau, Qualtrics

Principal Investigator, Doctoral Research Aug 2012 - Aug 2017
Conservation in the Human Landscape *Maasai Mara, Kenya*

- *Conservation Finance:* Created a novel framework for understanding transaction costs in conservation funding, tested against interview-based case studies of seven U.S.-based conservation NGOs.
- *Evidence-Based Conservation:* Worked with the Anne K. Taylor Fund to design and conduct an audit of conservation effectiveness, consisting of 300+ in-person, semi-structured household surveys across 440 sq. km region of the western Mara, Kenya designed to study impacts of livestock losses due to disease and depredation.

Software Used: Microsoft Suite, ArcGIS, Google Earth, NVivo, Stata, Tableau

Principal Investigator, Master's Research May 2008 – May 2009
Leadership & Management of Wildlife Reintroduction Programs *Scotland, UK*

- Designed and conducted in-depth case study of conservation management using in-person, semi-structured interviews with former employees of the government-sponsored Sea Eagle Recovery Project (SERP) in Scotland, UK.
- Created and conducted an online survey of wildlife reintroduction practitioners.

Software/Websites Used: Microsoft Excel, NVivo, SPSS, Qualtrics

Principal Investigator, Undergraduate Research May – August 2006
Filtration Rates of the West African Mangrove Oyster *Cape Coast, Ghana*

National Science Foundation Research Experience for Undergraduates

- Collected oyster and water samples from mangroves to run experiments on filtration rates, as a first step in exploring the potential to develop a fisheries industry in Ghana.

Software Used: Microsoft Excel

REVIEWER & EDITOR ROLES

- **Grant Reviewer**, *Discovery Grants Program*, The Explorers Club 2020-Present
- **Editorial Board Member**, *Visible Thinking*, Duke University 2018-Present
- **Editor**, SciPol, Duke University Initiative for Science & Society 2017 – 2018
- **Reviewer**, Graduate Women in Science Fellowship Program 2017
- **Reviewer**, *Journal of Environmental Management*
- **Reviewer**, *PLoS One*
- **Reviewer**, *Conservation Biology*
- **Reviewer**, *PeerJ*

PUBLICATIONS

In Preparation

Sutton, A.E. (2021). Early Colonial Angolan Arrivals and the Development of a 'Portuguese' Identity in the Upper South. (2021) *In Preparation for the Journal of Afro-Amerindian Studies*.

Sutton, A. E., Vijay, V. (2021). Designing Models for Optimizing Indigenous Land Preservation. *In Preparation for Nature*.

Sutton, A. E., Vijay, V. and D. Challender. (2020). Understanding Cultural & Commercial Use and Illegal Trade of Pangolins in Kenya. *In Preparation for Journal of Ethnobiology*.

In Print

Staton, C., Vissoci, J. R., El-Gabri, D., Adewumi, K., Concepcion, T., Elliott, S., Evans, D. R., Galson, S. W., Pate, C. T., Reynolds, L. M., Sanchez, N. A., **Sutton, A. E.**, Von Isenberg, M., Gerardo, C. (2018). Interventions to Reduce Alcohol Harms in Low and Middle Income Countries: A Systematic Review and Meta-Analysis. *Preprint for PsyArXiv*.

Rust, N.A., Abrams, A., Challender, D.W., Chapron, G., Ghoddousi, A., Glikman, J.A., Gowan, C.H., Hughes, C., Rastogi, A., Said, A. and **Sutton, A. E.** (2017). Quantity does not always mean quality: the importance of qualitative social science in conservation research. *Society & Natural Resources* 30: 1304 – 1310.

Sutton, A. E., Downey, M. G., Kamande, E., Munyao, F., Rinaldi, M., Taylor, A. K., and S. Pimm. (2017). Efficacy of Efforts to Reduce Human-Lion Conflict in the Western Mara, Kenya. *Conservation Evidence* 14: 32 – 38.

Sutton, A. E. (2015). Leadership and management influences the outcome of wildlife reintroduction programs: findings from the Sea Eagle Recovery Project. *PeerJ* 3: e1012.

White, R. L., **Sutton, A. E.**, Salguero-Gomez, R., Bray, T.C., Campbell, H., Cieraad, E., Geekiyana, N., Gherardi, L., Hughes, A.C., Jørgensen, P.S., Poisot, T., DeSoto, L. and N. Zimmerman. (2015). The next generation of action ecology: novel approaches towards global ecological research. *Ecosphere* 6: art134.

Sutton, A. E. and R. Lopez. (2014). Findings from a survey of wildlife reintroduction practitioners. *F1000Research* 3.

Sutton, A. E., Yankson, K., and D. A. Wubah. (2012). The Effect of Salinity on Particle Filtration Rates of the West African Mangrove Oyster, *Crassostrea tulipa*. *Journal of Young Investigators* 24: 55 – 59.

Sutton, A. E., Dohn, J., Loyd, K., Treddenick, A., Bucini, G., Solorzano, A., Pridhodko, L., and N. P. Hanan. (2010). Response to Burke et al.: Does Warming Increase the Risk of Civil War in Africa? *Proceedings of the National Academy of Science*, published ahead of print June 10, 2010. doi:10.1073/pnas.1005278107

SELECTED WORKSHOPS, PRESENTATIONS & POSTERS

Workshops

Sutton, A.E. & Blair, M., Wynn-Grant, R., & Malone, C. 2016. Career Planning for the Modern Conservationist. Student Conference on Conservation Science, 21 – 23 October 2016, New York, New York, USA.

Sutton, A.E. 2015. Early Career Researcher Sessions (in partnership with the International Network of Next Generation Ecologists). British Ecological Society Annual Meeting, 13 – 16 December 2015, Edinburgh, United Kingdom.

Sutton, A.E. & Kennaugh, A. 2015. Summit on Proposed Wolf Reintroduction to the Scottish Highlands. European Nature Trust, 17 – 20 December 2015, Ardgay, United Kingdom.

Sutton, A.E. & Vijay, V. 2015. Implementing Diversity in Ecology Sessions (in partnership with the International Network of Next Generation Ecologists). Ecological Society of America Annual Meeting, 9 – 14 August 2015, Baltimore, Maryland, USA.

Presentations

Sutton, A.E. 2014. How can we stop lion killing in Kenya? Duke GradX, 24 March 2014, Durham, North Carolina, USA.

Alibhai, S., Jewell, Z., Jiang, G., Gu, J., Sutton, A.E. & Ma, J. 2014. WildTrack:

- Following in the footsteps of the Amur tiger. Digital Conservation Conference, 21 – 23 May 2014, Aberdeen, United Kingdom.
- Sutton, A.E. 2013. Implementing a Non-invasive Footprint Identification Technique (FIT) to Measure the Efficacy of Boma Fortification in Reducing Human-Lion Conflict in the Mara Region, Kenya. International Congress on Ecology (INTECOL), 18 – 23 August 2013, London, United Kingdom.

TEACHING & MENTORING

ONLINE EDUCATION

Unity College – Master’s in Environmental Studies and Sustainability

Instructor, Issues & Insights in the Environment

Summer 2018

Unity College

Course Developer, Issues & Insights in the Environment

Fall 2020

Course Developer & Instructor, Issues in Water, Energy & Waste

Summer 2019

Instructor, Issues in Biodiversity, Deforestation & Population

Fall 2018

Duke University – Nicholas School of the Environment

Teaching Assistant, Environmental Entrepreneurship, Marketing & Finance

Spring 2017

Teaching Assistant, Environment & Energy Law (ENV 985)

Spring 2016

GRADUATE TEACHING

Duke University – Nicholas School of the Environment

Durham, NC

Teaching Assistant, Environmental Mega-Trends (ENV 762)

Fall 2016

Teaching Assistant, Environmental Mega-Trends (ENV 762)

Fall 2015

Teaching Assistant, Foundations of Entrepreneurship (ENV 782/590)

Spring 2015

Teaching Assistant, Environmental Mega-Trends (ENV 762)

Fall 2014

Duke University – Fuqua School of Business

Durham, NC

Teaching Assistant, Entrepreneurial Execution (STRATEGY 845)

Spring 2015

UNDERGRADUATE TEACHING

University of North Carolina at Chapel Hill

Chapel Hill, NC

Teaching Assistant, Introduction to the Cultures & Histories of Native N. America

Fall 2020

Teaching Assistant, Introduction to the American Legal System

Spring 2021

Duke University – Energy Initiative

Durham, NC

Course Developer & Co-Instructor, Policy Writing for Energy

Fall 2017

Bas Connections Interdisciplinary Research Program

Duke University – Nicholas School of the Environment

Durham, NC

Teaching Assistant, Introduction to Environmental Science (ENV 102)

Fall 2016

Texas A&M University – College of AgriLife Sciences

College Station, TX

Field Section Instructor, Fundamentals of Ecology (RENR 201)

Fall 2008

SELECTED FUNDING, HONORS & AWARDS

Julian Abele Award – Student of the Year, Nicholas School of the Environment

Duke University

April 2017

Impact & Innovation Grant, Sanford School of Public Policy

March 2016

Global Social Innovation Fellowship, Sanford School of Public Policy	<i>April 2015</i>
Echoing Green Fellowship Award Semifinalist	<i>January 2015</i>
The Hall Award for Social Impact, Duke University Chapel	<i>April 2014</i>
Environmental Innovation & Entrepreneurship Seed Grant Duke University – Nicholas School of the Environment	<i>March 2014</i>
Grant-in-Aid of Research, Sigma Xi Scientific Honor Society	<i>Feb 2014</i>
Exploration Grant, The Explorers Club	<i>April 2013</i>
International Research Fellowship, Duke University	<i>January 2013</i>
James B. Duke Fellowship, Duke University	<i>August 2012</i>
Dean's Graduate Fellowship, Duke University	<i>August 2012</i>

PROFESSIONAL MEMBERSHIPS

The Explorers Club • Sigma Xi Scientific Research Society • Society for Conservation Biology • Ecological Society of America • British Ecological Society • Native American Caucus of the North Carolina Democratic Party

LANGUAGES

Language	Reading/Writing Proficiency	Speaking Proficiency	Listening Proficiency	Experience
English	Fluent	Fluent	Fluent	Primary Language
kiSwahili	Proficient	Conversational	Beginner	5 years study, 2.5 years immersion
French	Proficient	Conversational	Beginner	Occasional study
Tutelo-Saponi (Yesàneči)	Basic	Beginner	Beginner	1 year study, Indigenous Language Revitalization Program