

Angelique (Angel) Greer Hjarding

Education

- 2017 **Ph.D. in Geography and Urban Regional Analysis**
Charlotte Action Research Project
University of North Carolina at Charlotte. Charlotte, NC
Dissertation Title: “The Butterfly Highway: Connecting People and Nature”
Dissertation Supervisor: Janni Sørensen
- 2011 **M.S. in Biology**
Centre for Macroecology, Evolution, and Climate
University of Copenhagen. Copenhagen, Denmark
Thesis Title: “Geographic Coverage and Conservation Impacts: A Case Study of the Chameleons of East Africa”
Thesis Supervisor: Neil Burgess
- 1997 **B.S. in Biology**
Research Experience: Loggerhead Sea Turtle Project
University of South Carolina Upstate. Spartanburg, SC

Professional Affiliations and Employment

- 2021 – Present **President & Principal Researcher**
Bollie Consulting LLC, Charlotte, NC
- 2020 – 2021 **Postdoctoral Researcher, Charlotte Action Research Project**
University of North Carolina at Charlotte. Charlotte, NC
- 2018 – 2021 **Lecturer, Department of Geography and Earth Sciences**
University of North Carolina at Charlotte. Charlotte, NC
- 2019 – 2019 **Adjunct Professor, Sustainability and Environmental Sciences**
Queens University of Charlotte, Charlotte, NC
- 2015 - 2019 **Director, Pollinator and Wildlife Habitat Programs**
North Carolina Wildlife Federation. Charlotte, NC
- 2013 – 2015 **Program Manager, Butterfly Highway**
Charlotte Action Research Project. University of North Carolina at Charlotte. Charlotte, NC
- 2012 - 2013 **Research Assistant**
Center for Applied GIScience, University of North Carolina at Charlotte. Charlotte, NC
- 2010 – 2014 **Research Assistant**
Global Biodiversity Information Facility (GBIF) Secretariat.
Copenhagen, Denmark

Grants and External Funding

2021	UNESCO Biosphere Reserve Phase 1	\$26,000
2019	UNESCO Rapid Response Grant	\$20,000
2018	Z. Smith Reynolds Foundation	\$100,000
2017	Duke Energy Foundation	\$25,000
2016-2018	National Fish and Wildlife Foundation	\$50,000
2016	Burt's Bees Greater Good Foundation	\$10,000
2016	Duke Energy Foundation	\$25,000
2014-2016	National Fish and Wildlife Foundation	\$33,673
2016	Z. Smith Reynolds Foundation	\$2,300
2016	Mary Norris Preyer Fund	\$3,000
2015	Duke Energy Foundation	\$20,000
2015	Piedmont Natural Gas	\$10,000
2015	National Wildlife Federation	\$7,000
2014	UNC at Charlotte Chancellor's Diversity Grant	\$5,000

Publications

Journal Articles

Ryan S.F. et. al. (2018) **A. Hjarding** contributing author. The role of citizen science in addressing grand challenges in food and agriculture research. *Proc. R. Soc. B*.

Hjarding, A., Tolley K., and Neil Burgess. (2015) Red List assessments of East African chameleons: a case study of why we need experts. *Oryx*. 49(4), pp. 652-658.

Amekudzi-Kennedy, A., et. al. (2015) **A. Hjarding** contributing author. Network Priorities for Social Sustainability Research and Education: The INSS Research Group Memorandum. *Sustainability: Science, Practice, & Policy*.

Book Chapters

Hjarding, A., Chen, B., and A. King. (2015). Environmental Justice in Urban Environmental Education. In Russ A. (Ed.). *Urban Environmental Education*. Pages 82-85. Ithaca, NY and Washington, DC: Cornell University Civic Ecology Lab, NAAEE and EECapacity.

Owens, C. and **A. Hjarding**. (2015). Urban Planning and Environmental Education. In Russ A. (Ed.). *Urban Environmental Education*. Pages 36-38. Ithaca, NY and Washington, DC: Cornell University Civic Ecology Lab, NAAEE and EECapacity.

Goodale, T., **Hjarding, A.**, and C. Owens. (2015). Institutional and Community Partnership for Environmental Education. In Russ A. (Ed.). *Urban Environmental Education*. Pages 116-118. Ithaca, NY and Washington, DC: Cornell University Civic Ecology Lab, NAAEE and EECapacity.

Other Publications

Shiel-Rolle, N., Miller, A., **Hjarding, A.** (2019). Rapid Response Hurricane Impact Stakeholders Workshop Report and Green Island Concept Proposal. Cat Island Conservation Institute.

Hjarding, A. The Butterfly Highway: Connecting People and Nature. *Biophilic Cities Journal*. 2016.

Hjarding, A. “The Butterfly Highway: A Roadmap for Pollinator and Wildlife Conservation”. *North Carolina Wildlife Federation Journal*. Spring, 2016.

Hjarding, A. “The Pollinator Puzzle”. *North Carolina Wildlife Federation Journal*. Summer, 2015.

Teaching Experience

PhD and Master Courses

Urban Sustainability Seminar – Fall 2019. Instructor and course designer.

Community Planning Workshop – Spring 2020. Co-instructor and course designer.

Planning Theory – Fall 2020. Supervisor for independent study course.

Bachelor Courses

Environmental Planning – Spring 2019, Fall 2019, Spring 2020, Fall 2020. Instructor and course designer. In person and online.

The Science of Sustainability – Spring 2020. Instructor and course designer.

World Regional Geography – Summer 2015. Instructor and course designer.

Location of Human Activity – Fall 2013. Teaching assistant and lecturer.

Social Inequality in Planning – Fall 2014. Teaching assistant and lecturer.

Public Education Courses

National Wildlife Federation Wildlife Habitat Stewards Training - Instructor and course designer.

Butterfly Highway Ambassador Training - Instructor and course designer.

Master Gardener Training - Lecturer.

Central Carolinas Master Naturalist – Lecturer.

Student guidance

PhD students:

Primary research supervisor and mentor for two PhD and two MA CHARP graduate research assistants (2020 - present)

Supervised one student as environmental planning course teaching assistant. Provided mentorship on course design. (2020)

Advisor to the Charlotte Action Research Project (CHARP). Served as an advisor to PhD students on community engagement and participatory action research design. (2017, 2018, 2019)

Masters students: Advised three students on course selection, research design, and career planning. (2019, 2020)

Bachelor students: Advised five students on course selection, research design, and career planning. (2019, 2020) Supervised four research assistants in data collection and testing field methods. (2015, 2016)

Training in the pedagogy of university teaching

Essentials of Teaching and Learning Certificate

University of North Carolina at Charlotte, Expected completion 2021

Series of workshops designed to provide a foundation for teaching in higher education.

Graduate Faculty Mentor Training

University of North Carolina at Charlotte, 2019

This course highlighted ways to cultivate effective mentoring relationships with mentees. Topics included: maintaining effective communication, aligning expectations, fostering independent researchers, appreciating diversity, and promoting professional development,

Provost's Doctoral Teaching Program

University of North Carolina at Charlotte, 2015.

Selected to participate in a competitive program for Doctoral students where I received intensive training focused on course design, classroom management, academic technology, and course delivery.

Teaching at the College or University Level

University of North Carolina at Charlotte, 2013

This was a course for graduate students who taught or intended to teach. Topics included developing a teaching philosophy, constructing a syllabus, using student demographics and learning styles in course design, managing controversial topics, incorporating active learning and critical thinking, constructing rubrics for use in testing and grading, and applying theories of learning and motivation to the classroom.

Selected Awards, Presentations, and Fellowships

Awards

Excellence and Innovation Award for Civic Learning and Engagement. The American Association of State Colleges and Universities (AASCU). 2017.

Building Nature's Brand Award. Society for Conservation Biology. 2016.

Doctoral Student Teaching Award. University of North Carolina at Charlotte. 2015.

Integrated Network for Social Sustainability. Educational Experience Award. 2014.

University of North Carolina at Charlotte. GASP Fellowship. 2012-2015.

Conference Presentations and Invited Talks

- “From Monarchs to Mangroves: Public Science as a Tool to Engage Communities in Conservation”*. UNCC Center for Professional & Applied Ethics. October 2020.
- “From Wildlife to Justice: Creating Safe Environmental Spaces for Everyone”*. Citizen Science Association Conference. May 2017.
- “Butterflies, environmental justice, and local knowledge – learning from practice”*. 2nd International Symposium on Ecological Wisdom. November 2016.
- “Addressing social and environmental sustainability through conservation action in underserved communities”*. North American Congress for Conservation Biology. July 2016.
- “The Butterfly Highway: Connecting People and Nature”*. International Congress for Conservation Biology. July 2015.
- “Are biodiversity data gaps in urban areas a social justice issue?”* Biodiversity Information Standards conference. Invited symposium presenter. October 2014.
- “Is there equality in citizen science?”* North American Congress for Conservation Biology. July 2014.
- “Distribution of Environmental Hazards in Charlotte, NC”*. Integrated Network for Social Sustainability. June 2014.
- “Chameleon distribution in East Africa”*. Student Conference on Conservation Science. University of Cambridge. March 2011.

Workshop Contributions

- UNESCO SIDS Dorian Response Workshop. Nassau, The Bahamas. 2019.
- NC Vegetation Management Association. 2016.
- Urban Sustainability Symposium. University of North Carolina at Charlotte. 2016.
- Social Science Methods for Conservation. Society for Conservation Biology. 2015.
- Urban Environmental Education project-based learning community. Cornell University. 2014.
- Global Biodiversity Informatics Conference. Copenhagen, Denmark. 2012.

Professional Service and Organizations

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| 2020 – Present | GBIF Biodiversity Open Data Ambassador. |
| 2020 – Present | Global Citizen Science Partnership. Interim Board of Directors. |
| 2019 – present | Young Marine Explorers - The Bahamas. Board of Directors, Chair. |
| 2019 – present | Mecklenburg County Park and Recreation Commission. Stewardship Advisory Council. |
| 2017 – present | Citizen Science Association. Board of Directors, Vice Chair (2020, 2021), Conference Program Past Chair (2021), Conference Program Chair (2019), Governance Committee Chair (2019) |
| 2018 – 2020 | City Nature Challenge Bioblitz. Charlotte Metro Organizer. |
| 2018 – 2019 | National Wildlife Federation. Diversity, Equity, Inclusion, and Justice Affiliate Committee Co-Chair. |
| 2017 – 2019 | North Carolina Pollinator Conservation Alliance. Steering Committee. |
| 2017 – 2018 | Charlotte Monarch Celebration Organizer. |

2016 – 2018 Open Streets 704. Planning Committee, Green Zone Captain.
2014 – 2015 Society for Conservation Biology, Social Science Working Group. Student
 Affairs Committee.
2013 – 2014 University of North Carolina at Charlotte Chapter of Gamma Theta
 Upsilon. Treasurer.

Research Methods, Tools, and Other Skills

Geographic Information Systems & Spatial Analysis

ESRI ArcGIS, QGIS, Google Earth, MaxEnt

Data Analysis

Nvivo, R, SPSS, Excel

Reference Management

Endnote, Mendeley, Google Scholar

Data Collection

Surveys & questionnaires, interviews, focus groups, coding, ecology and environmental science field methods, bibliometric analysis, citizen science project design

Design

Adobe Creative Cloud, GIMP, WordPress, PowerPoint

Languages

English (native), Danish (intermediate)