

Cinnamon M. Dixon

cdixon@talltimbers.org

EDUCATION

M.S., Biology, University of West Florida. 2014. Thesis: Gulf Coast wet prairie plant community stability and restoration

B.S., Biology, University of North Florida. 2007.

TRAINING AND CERTIFICATION

- Geographic Information Systems (GIS), a 5-course specialization by University of California, Davis on Coursera
- Florida Certified Prescribed Burn Manager Training Course
- Georgia Prescribed Burn Manager Certification Course
- Federal Emergency Management Agency Emergency Management Institute Courses:
 - IS-00100.b – Introduction to the Incident Command System ICS-100
 - IS-00700.b – An Introduction to the National Incident Management System
- National Wildfire Coordinating Group Training Courses:
 - S-190 - Introduction to Wildland Fire Behavior
 - S-130 - Basic Wildland Fire Fighting
 - S-131 – Firefighter Type 1
 - L-180 – Human Factors in the Wildland Fire Service
 - RT-130 – Wildland Fire Safety Training Annual Refresher

PROFESSIONAL EXPERIENCE

- Fire Ecologist, Tall Timbers, 2018-present.
 - Conduct research in fire ecology, plant ecology, and related fields. Prepare manuscripts for peer-reviewed publication. Hire and supervise interns.
- Field Plant Ecologist, Tall Timbers, 2017-2018.
 - Ecosystem Services Project manager. Conduct field- and lab-work. Supervise interns.
- Plant Ecology Research Hourly Worker, Joseph W. Jones Ecological Research Center, 2014-2014.
 - Maintain and harvest seed in native plant garden. Conduct annual upland pineland plant census. Monitor water levels in depression wetlands.
- Graduate Research Assistant – Field Botanist, University of West Florida, 2011-2013.
 - Conduct annual wet prairie plant census.

TEACHING EXPERIENCE

- Instructor of Record, University of West Florida, 2012-2013.
 - Taught undergraduate Ecology and General Biology labs
- Teaching Assistant, University of West Florida, 2011-2013.
 - Assisted with undergraduate Ecology and General Biology labs

SERVICE ACTIVITIES

- Leadership Tallahassee – prescribed burn demonstration, 2019
- Red Hills Fire Festival – Wagon tour interpreter, 2018, 2020
- Red Hills Horse Trials – Tall Timbers booth volunteer, 2018.
- Assisted in anemone census in the Red Sea, 2015-2016.
- Assisted with experiment on *Sternbergia* seed dispersal by ants, 2015-2016.
- Sampled sand dune vegetation in coastal Israel, 2015.
- Trapped rodents and collected GUD data in Negev desert, 2015.
- Censused and measured plants in Negev desert, 2015.
- Recorded sidewinder rattlesnake activity, 2015.
- West Panhandle Regional Science and Engineering Fair - Judge, 2012-2013.
- Assisted in oil extraction from beach sand after Deep Water Horizon oil spill, 2011.

PUBLICATIONS

Dixon, CM, KM Robertson, AM Reid, MT Rother (2023) Mechanical soil disturbance in a pine savanna has multi-year effects on plant species composition. *Ecosphere*. Accepted.

Menezes, JFS, I Tiano, BP Kotler, **CM Dixon**, AK Dixon (2023) Negev gerbils of same origin share anti-predator behavior when translocated to new environments. *Behavioral Ecology and Sociobiology*. *In Review*

Ulyshen, M, K Robertson, S Horn, **C Dixon** (2023) Effects of season of fire on bee-flower interaction diversity in a fire-maintained pine savanna. *Ecology and Evolution* 13:e10450. <https://doi.org/10.1002/ece3.10450>

Dixon, CM (2022) Ecosystem services vary with land use. Tall Timbers eNews Winter/Spring

Dixon, CM, KM Robertson, MD Ulyshen, BA Sikes (2022) Pine savanna restoration on agricultural landscapes: The path back to native savanna ecosystem services. *Science of the Total Environment* 818: 151715. <https://doi.org/10.1016/j.scitotenv.2021.151715>

Dixon, CM, KE Flaherty-Walia, RA Snyder (2021) Community dynamics under environmental extremes: coastal plain wet prairie in a natural state and under restoration. *Plant Ecology* 222, 1251-1262. <https://doi.org/10.1007/s11258-021-01175-9>

CONTRIBUTED TALKS AND POSTERS

Ramirez-Bullon, N, KM Robertson, **C Dixon**, A Winn (2023) Fire management after farming can recover phylogenetic structure of former longleaf grassland. *Botany 2023*.

Dixon, CM, KM Robertson, M Rother, A Reid (2022) Mechanical soil disturbance within a native longleaf pine savanna has multi-year effects on plant species composition. *14th Biennial Longleaf Conference*.

Ulyshen, M, A Young, S Reynolds, M Taylor, R Chaney, M Spetich, **C Dixon**, K Robertson, R Mallinger, B scholtens (2022) Patterns of forest diversity across the southeastern United States: A survey of the experimental forest network. *Entomological Society of America Joint Annual Meeting (JAM)*.

Snyder, A, K Robertson, **C Dixon** (2020) Changes in bee communities during old-field succession towards mature pine savannas under a frequent prescribed fire regime. *13th Biennial Longleaf Conference*.

Dixon, CM, KM Robertson (2020) Ecosystem services provided by restored pine savanna exceed those of alternative land uses. *Ecological Society of America Annual Meeting (ESA)*.

Dixon, CM, KM Robertson, AC Snyder (2019) Potential for full restoration of post-agricultural land to pine savanna through frequent fire and succession in the southeastern U.S. *Ecological Society of America Annual Meeting (ESA)*.

Snyder, RA, A Bradley, B Singleton, **C Morrison** (2011) Restoration of Gulf Coast Wet Prairie Habitat from Slash Pine Plantation. *4th National Conference on Ecosystem Restoration (NCER)*.

INVITED TALKS

Dixon, CM (2022) Why should I care? Ecosystem Services. *Wildlife Arts Festival*.

PROFESSIONAL AFFILIATIONS

Ecological Society of America (2019-2020)