J. Davis Goode

PhD Candidate

Department of Geography, University of Alabama

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EDUCATION

Ph.D. University of Alabama, Tuscaloosa, Alabama *Expected 2023*

Forest Dynamics Lab, Department of Geography

Dissertation: “The influence of disturbance in the creation and maintenance of mixed oak-shortleaf pine forests”

M.S. University of Alabama, Tuscaloosa, Alabama. 2019

Forest Dynamics Lab, Department of Geography

Thesis: “Edge influence on composition and structure of a longleaf pine woodland following catastrophic disturbance”

B.S. University of Alabama, Tuscaloosa, Alabama. 2017 (*summa cum laude*)

Major: Environmental Science

with Honors College Degree

PROFESSIONAL EXPERIENCE

Graduate Research Assistant 2019−present

 Forest Dynamics Lab, University of Alabama

Lead Field Technician Summer 2019, 2020, 2021

 Forest Dynamics Lab, University of Alabama

Graduate Teaching Assistant, 2017−2019

University of Alabama, Department of Geography

Undergraduate Research Assistant 2016−2017

Forest Dynamics Lab, University of Alabama

Field Technician Summer 2016, 2017

Forest Dynamics Lab, University of Alabama

Assistant Camp Director Summer 2015

Philmont Scout Ranch, Cimarron New Mexico.

Ranger Summer 2013−2014

Philmont Scout Ranch, Cimarron New Mexico.

PUBLICATIONS

Phillips DL, **JD Goode**, JL Hart (accepted pending revisions) Spatial patterns of stand structure and canopy disturbance in a fire-maintained *Pinus palustris* woodland. *Applied Vegetation Science*

**Goode JD**, JS Kleinman, JL Hart (2021). Resilience of a fire-maintained *Pinus palustris* woodland to catastrophic wind disturbance: 10-year results. *Forests*12:1051.

**Goode JD**, Hart JL, Dey DC, Torreano SJ, Clark SL (2021). Spatial patterns of canopy disturbance and *Pinus echinata* in a mixedwood forest. *Forest Science* 67: 433-445.

Kleinman JS, **Goode JD**, Hart JL (2021). Ground flora cover, diversity, and life-history trait representation after wind disturbance, salvage logging, and prescribed fire in a *Pinus palustris* woodland. *Applied Vegetation Science*24: e1254.

Emery RK, Kleinman JS, **Goode JD**, Hart JL (2020). Effects of catastrophic wind disturbance, salvage logging, and prescribed fire on fuel loading and composition in a *Pinus palustris* woodland. *Forest Ecology and Management*478: 118515.

Logan AT, **Goode JD**, Keellings DJ, Hart JL (2020). Microsite influence on woody plant regeneration in a *Pinus palustris* woodland following catastrophic disturbance. *Forests*11: 588.

Kleinman JS, **Goode JD**, Hart JL, Dey DC (2020). Prescribed fire effects on *Pinus palustris*woodland development after catastrophic wind disturbance and salvage logging. *Forest Ecology and Management* 468: 1181173.

Kressuk JKa, **Goode JD**, Bhuta AAR, Kleinman JS, Hart JL, Phillips DL, Willson KG (2020). Composition and structure of a montane Longleaf Pine stand on the Alabama Piedmont. *Southeastern Naturalist* 19: 436-446

**a** Mentored undergraduate research assistant

**Goode JD**, Kleinman JS, Hart JL (2020). Edge influence on composition and structure of a *Pinus palustris* woodland following catastrophic wind disturbance. *Canadian Journal of Forest Research* 50: 332-341

**Goode JD**, Barefoot CR, Hart JL, Dey DC (2020). Disturbance history, species diversity, and structural complexity of a temperate deciduous forest. *Journal of Forestry Research* 31: 397-414

Kleinman JS, **Goode JD**, Fries AC, Hart JL (2019). Ecological consequences of compound disturbances in forest ecosystems: a systematic review. *Ecosphere*, 10(11).

**Goode JD**, Brager, LM, Hart JL (2019). Drought-Induced Growth Response of Longleaf Pine in the Alabama Fall Line Hills. *Southeastern Naturalist*, 18(1): 99-112.

TEACHING EXPERIENCE

Teaching Assistant, GY 101: Atmospheric Processes and Patterns

 Department of Geography, University of Alabama

Teaching Assistant, BSC 497: Discovering Alabama Terrestrial Ecosystems

 Department of Biology, University of Alabama

Teaching Assistant, GY 494: Forest Measurement and Analysis

 Department of Geography, University of Alabama

Teaching Assistant, GY 496: Forest Ecosystems Management: Silviculture

 Department of Geography, University of Alabama

Teaching Assistant, GY 489: Forest Ecology and Vegetation Analysis

 Department of Geography, University of Alabama

Teaching Assistant, GY 492: Eastern Forest Communities

 Department of Geography, University of Alabama

Invited Guest Lecture, Ecosystem Management (Spring 2021)

 Department of Urban Environmental Studies, Birmingham Southern College

FUNDING

Conference Travel Grant ($750) Fall 2019

Graduate School and Department of Geography, University of Alabama

Conference Travel Grant ($1000) Fall 2018

Graduate School and Department of Geography, University of Alabama

Conference Travel Grant ($1000) Fall 2017

Graduate School and Department of Geography, University of Alabama

Undergraduate Creative Research Academy Grant ($700) Fall 2016

College of Arts and Science, University of Alabama

PROFESSIONAL MEMBERSHIPS

Society of American Foresters Fall 2016–present

Forest Stewards Guild Fall 2017–present

American Association of Geographers Fall 2017–present

Ecological Society of America Fall 2019–present

CONFERENCES AND PRESENTATIONS

**Goode JD** and Hart JL.Disturbance effects on shortleaf pine neighborhoods at Savage Gulf State Natural Area, TN. Virtual resource management workshop: Tennessee State Parks. Invited speaker. December 2021.

**Goode JD**, Hart JL, Dey DC, Torreano SJ, Clark SL. Canopy disturbance regulates spatial patterns of shortleaf pine. Society of American Foresters National Convention. Virtual Science Flash paper presentation. November 2021.

Kleinman JS, **Goode JD**, Hart JL, Dey DC. Post-wind disturbance salvage logging and prescribed fire effects on Pinus palustris stand development. Society of American Foresters National Convention. Virtual paper presentation. October 2020

Kleinman JS, **Goode JD**, Fries A, Hart JL. Interacting disturbances and ecological consequences in forest ecosystems of North America. American Association of Geographers Annual Meeting. Virtual paper presentation. April 2020.

Logan AT, **Goode JD**, Hart JL. Microsite influence of coarse woody debris in Pinus palustris woodlands. American Association of Geographers Annual Meeting. Virtual paper presentation. April 2020

**Goode JD**, Kleinman JS, Hart JL. Edge influence on ground flora communities in pine woodlands. Society of American Foresters National Convention; Louisville, Kentucky, Poster presentation, October 2019

Kleinman JS, **Goode JD**, Hart JL. A systematic review and case study of compound forest disturbances. Society of American Foresters National Convention; Louisville, Kentucky. Paper presentation. October 2019

**Goode JD**, Kleinman JS, Hart JL. Edge influence on composition and structure of a longleaf pine woodland following catastrophic wind disturbance. North American Forest Ecology Workshop; Flagstaff, Arizona. Contributed Talk, June 2019

Kleinman JS, **Goode JD**, Hart JL. Anthropogenic impacts on pine woodland recovery after catastrophic wind disturbance. North American Forest Ecology Workshop; Flagstaff, Arizona. June 2019

**Goode JD**, Kleinman JS, Hart JL, Edge influence on composition and structure in a Longleaf Pine Woodland flowing catastrophic disturbance. Society of American Foresters National Convention; Portland, Oregon. Poster Presentation, October 2018

Kleinman JS, **Goode JD**, Hart JL. Prescribed fire effects on pine woodland recovery after wind disturbance and salvage logging, National Convention, Society of American Foresters National Convention; Portland, Oregon. October 2018

Kleinman JS, **Goode JD**, Hart JL. Ground flora response to catastrophic wind, salvage harvesting, and prescribed fire in the Alabama Fall Line Hills, Annual Meeting, Ecological Society of America; New Orleans, Louisiana. August 2018

**Goode JD**, Barefoot CR, Hart JL, Dey DC. Disturbance history, species diversity, and structural complexity of a temperate deciduous forest. American Association of Geographer Annual Meeting; New Orleans, LA. Poster Presentation, March 2018

**Goode JD**, Barefoot CR, Hart JL, Dey DC. Canopy Disturbance History and Structural Complexity of a Temperate Deciduous Forest. North American Forest Ecology Workshop; Edmonton, Alberta. Poster Presentation, June 2017

Barefoot CR, **Goode JD**, Hart JL, Dey DC. Relating canopy disturbance history to neighborhood level diversity and complexity in a temperate deciduous forest. Biennial Southern Silviculture Research Conference; Blacksburg, VA. March 2017

**Goode JD**, Barefoot CR, Hart JL, Dey DC. Disturbance history and structural complexity of a temperate deciduous forest. Annual Alabama Natural Resources Council Symposium, Tuscaloosa, Alabama. Poster Presentation, February 2017

LEADERSHIP AND AWARDS

Outstanding Graduate Student Award 2021

Outstanding Graduate Research Award 2019

Project Learning Tree Certified 2019

President: Forest Stewards Guild UA, Student Chapter 2018–2019

Vice President: UA Club Geography 2018–2019

Outstanding Undergraduate in Environmental Science 2017

University of Alabama Honor’s College 2013–2017

Presidential Scholarship 2013–2017

Dean’s List 2013–2017

Eagle Scout 2009

PROFESSIONAL SERVICE AND MENTORING

Peer Review: *Forest Science* (2019, 2020, 2021), *Flora* (2020), *Canadian Journal of Forest Research* (2020), *Global Ecology and Conservation* (2020), *Forest Ecology and Management* (2021)

Local Outreach: Project Leaning Tree workshop, Woodland Forest Elementary, Tuscaloosa, AL (2019). Black Warrior Riverkeeper (2021).

Field tour lead: Savage Gulf State Natural Area, July 2021

Participants: USFS Northern Research Station, Tennessee Department of Environment and Conservation, University of the South, University of Alabama

Dendrochronology instructional course: University of the South, 2021.

Installed a tree-ring sample processing station and taught tree ring sample extraction, processing, dating, and measuring to researchers at the University of the South

Undergraduate student mentor: 2017 – present

 Laney Brager, BS University of Alabama 2019

 Jon Kressuk, BS University of Alabama 2019

 Campbell Taylor, BS University of the South 2022

 R.L. England, BS University of the South 2022

PROFESSIONAL TRAINING

2019 Short course, *Multivariate Analysis in Community Ecology with PC-ORD*. Penn State University, 18–22 November 2019, online.

2019 Society of American Foresters Silviculture Instructors Tour. 27–30 October 2019.