David Phillips

Forest Dynamics Lab

Department of Geography

University of Alabama

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EDUCATION

Ph.D. University of Alabama, Tuscaloosa, Alabama. *Expected 2025*

Department of Geography

Dissertation: “Spatial patterns of tree species in a longleaf pine woodland”

M.S. University of Alabama, Tuscaloosa, Alabama. 2021

Department of Geography

Thesis: “Stand dynamics in a longleaf pine woodland: a spatial analysis of canopy disturbance and regeneration”

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

Major: Environmental Science

Minor: Geographic Information Systems

PROFESSIONAL EXPERIENCE

Field Crew Lead Summer 2019, 2021 Terrestrial Ecological Unit Inventory, USDA Forest Service

Lead Field Technician Summer 2020

Forest Dynamics Lab, The University of Alabama

Undergraduate Lab Technician 2018–2019

Forest Dynamics Lab, The University of Alabama

Human Intelligence Collector 2013–2017

U.S. Army

TEACHING EXPERIENCE

Invited Guest Lecturer, Environmental Field Methods (Fall 2021)

Department of Urban Environmental Studies, Birmingham Southern College

Teaching Assistant, GY 101: Atmospheric Processes and Patterns

Department of Geography, University of Alabama

Teaching Assistant, GY 409: Forest History and Restoration

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 and Silvics

Department of Geography, University of Alabama

Teaching Assistant GY 496: Forest Ecosystem Management: Silviculture

Department of Geography, University of Alabama

PUBLICATIONS

**Phillips DL**, JD Goode, and JL Hart. 2021. Spatial patterns of stand structure and canopy disturbance in a fire-maintained Pinus palustris woodland. *Applied Vegetation Science*. Accepted pending revision.

Kressuk JM, JD Goode, AAR Bhuta, JL Hart, JS Kleinman, **DL Phillips**, and KG Willson. 2020. Composition and structure of a montane longleaf pine stand on the Alabama Piedmont. *Southeastern Naturalist* 19: 436–446.

FUNDING

Conference Travel Grant ($400) Spring 2020

Financial Affairs Committee, University of Alabama

Conference Travel Grant ($500) Spring 2020

Graduate School, University of Alabama

Conference Travel Grant ($1800) Fall 2019

Financial Affairs Committee, University of Alabama

PROFESSIONAL MEMBERSHIPS

Forest Stewards Guild Fall 2018–present

Society of American Foresters Summer 2019–present

American Association of Geographers Fall 2019–present

CONFERENCES AND PRESENTATIONS

**Phillips DL**, AT Logan, JL Hart, and DC Dey. Forest Conditions on the Alabama Cumberland Plateau and Highland Rim prior to Widespread European Settlement. Society of American Foresters National Convention; Louisville, Kentucky. Poster presentation, October 2019.

LEADERSHIP AND AWARDS

President: Forest Stewards Guild UA Student Chapter 2020–present

Treasurer: Forest Stewards Guild UA Student Chapter 2019–2020

Dean’s List 2017–2019

Army Achievement Medal 2017

PROFESSIONAL SERVICE

Local Outreach: Black Warrior Riverkeeper 2020, 2021

Black Warrior River watershed, AL

Local Outreach: Project Learning Tree 2019

Woodland Forest Elementary, Tuscaloosa AL

PROFESSIONAL TRAINING

GIS Certificate 2019

Department of Geography, University of Alabama

Updated: 01 December 2021