### OFFICE FOR SUSTAINABILITY ANNUAL REPORT 2019



STEVEN L ANDERSON DESIGN CENTER

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# LEADERSHIP



### Marty Matlock | Executive Director

Dr. Marty Matlock is Executive Director of the Resiliency Center and a professor in the Biological and Agricultural Engineering Department. Dr. Matlock's research focuses on developing metrics that inform best management practices, ecological services restoration, ecological risk assessment, and life cycle assessment of supply chain systems.



Eric Boles is Director of the Office for Sustainability and Executive Secretary of the U of A Sustainability Council. Additionally, Eric is a co-founder of Paradigm Sustainability Solutions, which assists organizations with science-based sustainability solutions. Eric prioritizes projects that save the university money and resources while responsibly reducing impact.

Dr. David Hyatt is the Coordinator of Academic Sustainability Programs and a clinical assistant professor at the Sam M. Walton College of Business. Dr. Hyatt's research concerns sustainability in global supply chains, and when, how, and why nonprofits and businesses collaborate to solve issues of the natural environment.



Dane Eifling is the Bicycle and Pedestrian Coordinator for the U of A Office for Sustainability and the City of Fayetteville. He is a certified instructor by the American League of Bicyclists. Dane is focused on providing campus affiliates opportunities to commute without a car.

### Todd Hansen | Office Manager

Todd Hansen serves as the leading graphic designer for the Office for Sustainability. He has a particularly large role in the communications, office management, as well as bicycle infrastructure and advocacy around campus.

### David Hyatt | Academic Programs Coordinator

### Dane Eifling | Bike-Pedestrian Coordinator

# **STUDENT INTERNS**

The Office for Sustainability employs a diverse group of paid student interns, who assist in sustainability research and programming across campus. Interns come from nearly every discipline on campus and work towards specific categories of sustainability initiatives at the OFS.





## CLIMATE

Preston Cates, Data Management Coordinator

Lillie Haddock, Energy Efficiency Coordinator

## **TRANSPORTATION**

Aylin Pulido-Espinosa, Mobility Coordinator

### **BIODIVERSITY**

Stephen Robertson, Biodiversity Coordinator

Jan Partain, Biodiversity Coordinator

## **ZERO WASTE**

Sophie Hill, Zero Waste Coordinator

Sydney Golding, Waste Aversion Coordinator

### **AWARENESS**

Brianna Warren, Outreach Coordinator

Julia Nall, Communications Coordinator

### **RESILIENCY RESEARCH TEAM**

Kristiina Ala-Kokko Ian Kennedy Zain Blackwell

**Avery Nihill** Zach Morgan **Quinn Montana** 

# FACULTY

More than 50 faculty members are directly engaged in sustainability research and education at the University of Arkansas. This is not a comprehensive list; in many ways the challenges of sustainability are core to the mission of a land grant university, engaging almost every faculty research and teaching program.

### Dale Bumpers College of Food, Agriculture, and Life Sciences

Kristophor Brye, Ph.D. Crop, Soils and Environmental Sciences Zola Moon, Ph.D. Sustainability Program and Human Environmental Sciences Lanier Nalley, Ph.D. Agribusiness and Agricultural Economics Jennie Popp, Ph.D. Agribusiness and Agricultural Economics Curt Rom, Ph.D. Horticulture Mary Savin, Ph.D. Crop, Soils and Environmental Sciences Thad Scott, Ph.D. Crop, Soils and Environmental Sciences Andrew Sharpley, Ph.D. Crop, Soils and Environmental Sciences Kate Shoulders, Ph.D. Agricultural Education, Communications and Technology Lance Cheramie, Ph.D. Agriculture, Food and Life Sciences

### Fay Jones School of Architecture and Design

Noah Billig, Ph.D. Landscape Architecture Phoebe Lickwar, M.L.A. M.Ed. Landscape Architecture Carl Smith, Ph.D. Landscape Architecture Ken McCown, MS-Arch Landscape Architecture Steve Luoni, MS-Arch Community Design Center Peter MacKeith, MS-Arch Architecture Alison Turner, MS-Arch Architecture

### School of Law

Nicole Civita, J.D. School of Law Uché Ewelukwa, S.J.D. School of Law Sara Gosman, J.D. School of Law Janie Hipp, J.D. School of Law Don Judges, J.D. Ph.D., School of Law Christopher Kelley, J.D. School of Law Susan Schneider, J.D. School of Law

### J. William Fulbright College of Arts and Sciences

Myria Allen, Ph.D. Communications Robert Coridan, Ph.D. Chemistry and Biochemistry Jackson Cothren, Ph.D. Geosciences Ralph Davis, Ph.D. Geosciences Sean Dempsey, Ph.D. English Marlis Douglas, Ph.D. Biological Sciences Michael Douglas, Ph.D. Biological Sciences Michelle Evans-White, Ph.D. Biological Sciences Kevin Fitzpatrick, Ph.D. Sociology and Criminal Justice Rocio Gomez, Ph.D. Latin American History Warren Herold, Ph.D. Philosophy Brian Nakamura, PhD. Political Science Kusum Naithani, Ph.D. Biological Sciences David Stahle, Ph.D. Geosciences J. D. Willson, Ph.D. Biological Sciences

### **College of Engineering**

Andrew Braham, Ph.D. Civil Engineering Brian Haggard, Ph.D. Biological and Agricultural Engineering Jamie Hestekin, Ph.D., P.E. Chemical Engineering Alan Mantooth, Ph.D., M.S.E.E. B.S.E.E. Electrical Engineering Marty Matlock, Ph.D., P.E., B.C.E.E. Biological and Agricultural Engineering Darin Nutter, Ph.D., P.E. Mechanical Engineering Scott Osborn, Ph.D., P.E. Biological and Agricultural Engineering Benjamin Runkle, Ph.D., P.E. Biological and Agricultural Engineering Greg Thoma, Ph.D., P.E. Chemical Engineering Wen Zhang, Ph.D., P.E. Civil Engineering Jun Zhu, Ph.D., P.E. Biological and Agricultural Engineering Suman Kumar Mitra, Ph.D., Civil Engineering

### Sam M. Walton College of Business

Amy Farmer, Ph.D. Economics David Hyatt, Ph.D. Supply Chain Management Jon Johnson, Ph.D. Management Gary Peters, Ph.D. Accounting Mathew Waller, Ph.D. Supply Chain Management

"I am proud of our community's commitment to civil discourse on climate change, and fully support the activism of our students. Collective action will be necessary to change policies and change our economy to climate neutrality."

-DR. MARTY MATLOCK, EXECUTIVE DIRECTOR U of A RESILIENCY CENTER

# CLIMATE

## **CARBON FOOTPRINT**





Scope 1 Emissions

Scope 1 emissions are directly

emitted from the UofA

campus, such as on-campus

stationary, campus vehicle fleet,

refrigerants, and fertilizer used

on campus.

**Key Strategies** 

Energy efficient buildings

Energy conservation strategies

Battery electric fleet vehicles

Tons of CO<sub>2</sub> Equivalent per Campus User

Key Strategies Energy efficient building systems On-site solar panels Off-site renewable energy

#### **Climate Action Plan**

The University of Arkansas Climate Action Plan, ratified in 2009 and updated in 2018, is a road map to achieve carbon neutrality by 2040. The University's 2040 goal is achievable, but only with the continued and vocal support of students, faculty, and staff.

#### **Green Revolving Fund**

The GRF provides financing for implementing energy efficient, sustainable, costsavings projects. These savings replenish the fund and help finance additional projects. Past projects include LED retrofits and battery-powered landscape tools.

#### **Combined Heat & Power System**

The campus Combined Heat and Power System (CHP) provides both electric power and thermal energy (heat) from natural gas. This increases the central plant's efficiency from 40-73%, saves 3 million dollars per year in electricity, and reduced the entire University's emissions by 20%.

#### Climate



#### Scope 2 Emissions

Scope 2 emissions come from the generation of electricity purchased by the UofA. These emissions are a result of campus demand for electricity.

#### **Scope 3 Emissions**

Scope 3 emissions occur off-site but are induced by the UofA, such as directly financed airplane travel, waste and wastewater, and campus affiliate commuting practices.

#### **Key Strategies**

Waste reduction programs More alternative transportation Telecommuting

#### Climate

# **GREEN BUILDINGS**

Built infrastructure such as buildings have a substantial impact on the health and wellbeing of people and the planet. Buildings use resources, generate waste, and are costly to operate and maintain. Green building is the practice of designing, constructing and operating buildings to maximize occupant health and productivity, reduce waste and negative environmental impacts, and decrease life cycle costs. The University of Arkansas is committed to the US Green Building Council (USGBC) Leaders in Energy and Environment Design (LEED) program. Our commitment is to meet LEED Silver or above standards on all new construction and major renovations since 2007.



The University of Arkansas constructed 25 green certified buildings since 2004, totaling over one million gross square feet (GSF). This represents 11% of the total campus GSF.

# 2018 RESILIENCY ASSESSMENT

There are five domains of climate resilience which must be considered to create a truly resilient community: social, health, natural, physical, and economic.

These five domains. while made distinct for the sake of analysis, are interconnected and interdependent.

**Resilience vs. Sustainability** What's the difference?



The City of Fayetteville and University of Arkansas conducted a series of stakeholder meetings with representatives from the city, university, and community. Each meeting focused on one of the five domains of climate resilience. Attendees were provided various climate strategies and asked to identify our community's vulnerabilities and strengths. From those meetings, priority topics of climate resilience emerged and all key stakeholders were asked to rank proposed strategies to address climate vulnerabilities in Fayetteville. The identified strategies for increased community resilience were:

Improvement of Land Conservation and Protection Practices.

- Implementation of Stormwater Management Practices
- Development of a Wildfire Prevention Plan
- Improvement of Energy Conservation and Generation Systems

### **MORE SUSTAINABLE**

(Resource Productivity)

### LESS SUSTAINABLE

# TRANSPORTATION "Hey, I've got an idea-let's ride there!"

-CHANCELLOR STEINMETZ, UNIVERSITY OF ARKANSAS

# **BIKE SHARE**

The bike share program rolled out in September 2018 as a partnership between VeoRide, the City of Fayetteville, and the University of Arkansas. Billed as the largest bike share program in the state, the launch included 290 pedal bikes and 50 e-bikes. Another 100 e-bikes were added in February to bring the total of bikes in Fayetteville to 440. The Fayetteville-UofA program ranks number one in ridership among the company's mid-sized metro markets.

### By the end of 2019:

19,400 Pounds of CO<sub>2</sub> Avoided

1,100,000 Calories Burned

103,000 Rides

21,800 Miles Ridden

9,950 Unique Riders

440 Total Bikes

The VeoRide bike share system offers a healthy and fun transportation option for students, faculty, staff and visitors of the University of Arkansas. Please support bikes in Fayetteville by riding a bike while wearing a smile.







# **NATURAL TRAILS**

The Oak Ridge is a wooded hillside between the Walton College of Business and Clinton Street. This southern slope of campus is within the core campus but is undeveloped due to its topography.

Informal social trails have been reclaimed and replaced with a sustainable trail system that enhances the safety and aesthetics of the Oak Ridge while giving pedestrians a more scenic, direct route to campus.

The updated system of paths includes decomposed granite trails, gateway mountain bike trails, cedar stairs, natural rock stairs, and

Each natural surface provides a unique experience while fulfilling the design considerations of the hillside. The finished product is durable,

The Oak Ridge is the first of three natural-surface trail installations on the U of A campus to be completed over the next couple of years.

The project is supported with a generous grant from the Walton Family Foundation along with UofA matching resources for site work and land

#### Transportation

## **ALTERNATIVE TRANSPORTATION**



#### Accessibility

The University of Arkansas strives to meet and exceed ADA standards to make campus accessible to everyone. Accessibility is especially challenging with our hilly landscape, but programs like Para-transit, ADA parking permits, and thoughtful street design create a more inclusive campus.

Campus is home to bike infrastructure and programsfrom our bike share system, mountain bike trails, and bike wayfinding. The UofA strives to be the most bike-friendly campus in the region and has taken great strides in doing so, earning Bicycle Friendly University Gold status in 2019.

**Bicycles** 

#### **E-Scooters**

E-Scooters are the newest micro-mobility addition to our community. These help close the "last mile" gap for many people living adjacent to campus and reduce car dependency. A good transportation ecosystem provides a wide range of options. Please ride and park respectfully.

#### Transit

Razorback Transit serves the University of Arkansas campus and much of Fayetteville. With nearly two million rides per year, the transit system runs across Fayetteville and is free for everyone to use, not just students. Bike racks on the buses allow many students to defy gravity during their commute.

#### **Pedestrians**

The UofA campus is the most pedestrian friendly place in the state. Walking is the best way to get exercise, clear your head, and take in the beauty of campus. The UofA even offers discounted remote parking lots that are walkable to campus, and serviced by transit for cold or rainy days.

#### Ride Share/Carpool

Sometimes driving to campus can't be avoided, but sharing a vehicle with a friend or co-worker will reduce the environmental impact. Carpooling also includes the increasing number of student-focused apartment complexes that provide shuttles for students.

# **U of A MODE SHARE**

The Office for Sustainability in partnership with U of A Transit and Parking and Sightlines, a third party analytics company, coordinated a 2019 mode share survey as part of the university's greenhouse gas emissions tracking. The questions asked related to transportation habits, opinions about carbon emissions, and general satisfaction with transportation options on campus. The last survey of this kind was conducted in 2014. The observed increase in alternative transportation options by U of A affiliates was significant and inspiring.



The 2019 data shows the drivealone number at 35% for offcampus students and 45% for faculty and staff. Meanwhile, the percentage of commuters using alternatives such as bicycling, walking and transit had a net increase of 34% among faculty and staff and a 16% increase among off-campus students in the 5-year period.



## **BIKE FRIENDLY UNIVERSITY GOLD**

Efforts to make the University of Arkansas campus more bicycle friendly continue to earn national recognition. The League of American Bicyclists recently announced the U of A's first Gold award designation as a part of the Bicycle Friendly University program – putting the university in select company with only 24 other institutions including Colorado, Harvard, Yale, UCLA, and Kentucky, the only other SEC institution to earn the award. New bike infrastructure, a robust bike share, and ambitious plans helped the U of A receive this prestigious award.



#### Transportation

# **BIODIVERSITY** "The University of Arkansas has been

"The University of Arkansas has been instrumental in planting and caring for over 6,000 trees, over the last 29 years, consisting of over 180 varieties ranging from large shade trees to ornamentals."

-JAY HUNEYCUTT, DIRECTOR OF CAMPUS PLANNING

# **CAMPUS GREEN ROOFS**

Green roofs provide valuable environmental and economic benefits, such as sequestering carbon, improving storm water management and runoff, mitigating the urban heat island effect, and increasing biodiversity in an urban setting.



### **Hillside Auditorium**

Hillside Auditorium is home to a green roof filled with plants adapted to our region and is our largest green roof. In 2019, the middle roof section will be allowed to naturalize for the benefit of wildlife. The lower level near Dickson Street contains prairie grasses and sedums that will be supplemented with additional plantings of similar species.

### Vol Walker Hall

The green roof on Vol Walker Hall is one of the factors contributing to Vol Walker's designation as a Leadership in Energy and Environmental Design (LEED) Gold building. This green roof can be accessed from the fourth floor and adds to the amazing aesthetic of the building.

### The Arkansas Union

The roof top garden on the Arkansas Union serves as a source of fresh herbs for dining halls and another example of innovative pollinator-friendly projects across the University of Arkansas campus.

## **CAMPUS CREEK** RESTORATIONS

The Office for Sustainability seeks to involve our students and community in three areas in biodiversity: water quality, animal life, and plant life. The Mullins Creek Restoration Project highlights all of these areas.



The University of Arkansas takes great pride in the temperate forests and streams residing within the Ozarks. A few of those forests and streams reside on the UofA campus. In 2011, the UofA partnered with the Watershed Conservation Resource Center (WCRC) to restore Mullins Creek while reducing soil erosion and enhancing wildlife habitat. This project has been widely praised as a success and has inspired the U of A to take a closer look at other urban streams that could be restored.



**Biodiversitv** 

## **BIODIVERSITY PROJECTS**

The University of Arkansas recognizes that our campus landscape has the ability to provide much more to our community than just green grass. A well designed and managed urban landscape provides ecosystem services such as noise reduction, water filtration, climate regulation, air quality, and more to the entire community. Our goal is to enhance the ecosystem services of our campus while educating students, faculty, and staff on the importance of biodiversity.



#### **Bird Strike Prevention**

Collisions with windows kills billions of birds each year, the second-most human-linked cause of bird deaths (next to habitat destruction). Following current methods to prevent bird strikes on windows, the University of Arkansas has installed ultraviolet reflecting decals to the south windows of the skyway linking the George and Boyce Billingsley Music Building to the Fine Arts Center.

#### **Invasive Species Removal**

In 2018, the OFS began an ongoing program removing invasive species along the Oak Ridge trail. Invasive species prevent native plant growth and do not provide good wildlife habitat. Unfortunately they're often difficult to remove, but the Oak Ridge cleanups utilize help from both volunteers and goats to effectively tackle the problem.

#### **Pollinator Habitat**

Adjacent to the Office for Sustainability is a Pollinator Habitat pilot program established in 2018. The pilot plot strives to be a model can be scaled across campus. The ultimate goal of the habitat is to make campus more pollinator-friendly and restore areas to their natural state, but it also happens to be gorgeous when in bloom.

#### **Greedy Goats**

The Greedy Goats have been used around campus to clear out underbrush and invasive plants. Goats remove invasive green vegetation, which helps volunteers find and remove remaining roots more effectively. The goats eat almost every nongrassy invasive plant, from bush honeysuckle to poison ivy.

The ongoing Clover Hill project entails seeding a small, partly forested hillside near the McIlroy House along the Oak Ridge bike trail with three species of clover; crimson, red, and white. The goals of this project include beautification, soil restoration, pollinator habitat creation, and erosion control. This will be a sight to be seen next spring.

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#### **Clover on McIlrov**

#### **Ground Bee Nest Reservations**

In a small corner of Old Main Lawn, there is a nesting location for the native ground-nesting mining bee Andren gardineri. This nesting spot has been active for over a decade. We have flagged the location for special management procedures in order to conserve this wildlife area. The bee reservation project highlights our continued work with Bee Campus USA.

# ZERO WASTE

"There is no free lunch. Every product has an environmental impact. We continue to identify opportunities to stop waste before it starts through responsible procurement practices."

ERIC BOLES, DIRECTOR OF THE OFFICE FOR SUSTAINABILITY



lastic

# **DIVERSION + AVERSION**

The University of Arkansas has a strategy to achieve 50% diversion by 2021, 70% diversion by 2027, and 90% diversion from landfill by 2040. This means that at least 90% of discarded materials at the University of Arkansas must be diverted from the landfill. This is achieved by avoiding disposable materials and actively improving recycling and composting systems. Ultimately, our goal is to have less overall to divert and instead focus on aversion, the real victory.

# **DIVERSION RATE**



# **DIVERSION** VS **AVERSION**

Waste diversion is the re-purposing of goods in some shape or form, while waste aversion is the practice of avoiding wasteful goods entirely. For example, one could divert a plastic bottle by recycling it, or avert it completely by refilling a reusable water bottle. Aversion is where environmental responsibility, cost efficiency, and quality of life converge.



### **RAZORBACK FOOD RECOVERY**

# RECYCLING

The University of Arkansas is committed to becoming a zerowaste institution by 2040. One way to reach this goal is to raise awareness and participation for our campus recycling programs. Whether you are a student, parent, staff, faculty, or the City of Fayetteville's Recycle Something campaign.

community member, your recycling efforts are an important part of sustainability at the U of A. For those who live off campus or want to recycle additional materials, find out about



177 lbs per person recycled

36 Ibs per person increase since 2013

The Office for Sustainability encourages campus departments and student organizations to aim for zero waste at their events. To support this goal, we have equipment available for free checkout, including: portable cans and bottles recycling receptacles (ClearStreams), and laminated signs.

# **GREEN DINING**

The Campus Guide sustainable dining based on criteria such

The full quide is sustain.uark.edu





## COMPOSTING

waste.

In 2017, Chartwells Dining incorporated a behind-the-scenes pre and post-consumer composting program in partnership with the city of Fayetteville. This program is the continuation of a successful composting pilot program in 2016.

The program allows the U of A to not only divert food waste from the landfill, but to reduce greenhouse gases released by decomposing

Additionally, the City of Fayetteville now hosts a composting program for both businesses and local schools. They also have a yard waste composting program for residents of Fayetteville.

The Recycling and Trash Collection Division collects food waste materials from the University of Arkansas, The Fayetteville Senior Center, Happy Hollow Elementary, The Farmer's Table, The Green House Grille, Woodstone Pizza, Starbucks on Martin Luther King Blvd, Arsaga's at the Depot, and Khana Indian Grill.

> 2016 2017 2015

2019

115

Tons

2018

# ACADEMICS + OUTREACH

"I feel the value of the sustainability minor to students is tremendous. While a student's major lays some groundwork for what they may do in the world, the minor helps the student think about how they will do those things. Thus, the significance of the minor builds over time as students create real value—social, environmental, or economic—in society."

-DR. DAVID HYATT, SUSTAINABILITY ACADEMIC COORDINATOR



# ACADEMICS

The Foundations of Sustainability minor is an 18-credit program open to all undergraduate students at the University of Arkansas. The sustainability minor provides foundational knowledge and skills related to

the emerging discipline of sustainability and prepares students to become innovators within diverse fields. The program is organized around built, natural, managed, and social systems of sustainability.



### 41 Majors

Students from 41 different majors have graduated with the Sustainability Minor since its inception in 2011 which highlights the interdisciplinary nature of the program

### **127 Students**

are enrolled in sustainability courses for Fall 2019

### 227 Students

have graduated with the Sustainability Minor since 2007

### 58%

of students who took the introductory SUST 1103 class declared the minor

With over 80% of S&P 500 companies reporting on sustainability, there is a competitive advantage for any employee with sustainability credentialing such as the Sustainability Minor.



The Graduate Certificate in Sustainability is a 15-credit, interdisciplinary program, drawing from faculty and course work across all colleges of the University of Arkansas. The graduate certificate is accessible to all students admitted to the Graduate School, both degree-seeking and non-degree seeking, to participate in an advanced study in sustainability. The purpose of the Graduate Certificate in Sustainability is to provide functional graduatelevel knowledge and skills related to the emerging discipline of sustainability organized around the four interdisciplinary systems areas.

prepared to:

### **GRADUATE CERTIFICATE**

Students who complete the Graduate Certificate in Sustainability will be

Articulate commonly accepted definitions of sustainability and discuss various nuances among those definitions as well as engage in analytical thinking to enhance sustainability measures

Address real-world problems of sustainability to reinforce and enhance their professional careers

Have an understanding of the interdisciplinary nature of sustainability issues, particularly as they pertain to the thematic areas of knowledge addressed by the graduate certificate

Make recommendations, based on data analysis and interpretation, to advance sustainability of individuals or institutions



# **AWARENESS**

# **MONTHLY CAMPAIGNS**

The Office for Sustainability hosts a variety of events to educate and connect with our campus and surrounding community. Our events focus on education, professional development, and networking to encourage an informed and connected Favetteville. Some examples from 2019 include trail cleanups, invasive removal outings, Bike Fest 2019, Bike Safety Block Party, a Campus + Community Sustainability Mixer, a series of lunch and learns, and film screenings.

JANUARY VOLUNTEERING MAY WASTE SEPTEMBER 

Vertically integrated sustainability requires a deep community engagement, and the Office for Sustainability is dedicated to bringing our campus and city together while we work towards a more sustainable future. Every month, there is a theme dedicated to one element of sustainability so that we can further educate our community. These themes are expressed through our social media, planned events, and newsletter services.



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INFRASTRUCTURE



ENERGY







PROCUREMENT



POLICY

## The Office for Sustainability Weekly Newsletter reaches 1,800 students every Monday.



Academics + Outreach

## **U of A RESILIENCY CENTER RESEARCH**

## HAWAII BASE YARD PROJECT



The Base Yard proposal gives farmers a blueprint to create compliant facilities, and proposes value-added systems and processes that will ensure efficient food production.







The pending Food Safety Modernization Act (FSMA) requires food system facilities from farms to points of purchase to implement new food-contamination prevention standards. The science based protocols of FSMA elevate to an unprecedented level hazard analysis, preventive control throughout growing and production processes, and health and safety controls in facility design and operations. Some estimate that 30 percent of Hawaii's farmers could go out of business due to compliance hardships, requiring adaptation in farm operation models.



## LAND ACKNOWLEDGMENT

The land our campus sits on goes back beyond written history and includes the legacies of several Indigenous groups. Before Europeans arrived in what is now called Arkansas, the Osage had been using this area for food and hunting, and multiple other groups frequented the Ozarks for resources. The Cherokee have a history here as well, as many Cherokee used the land before the Trail of Tears forced Cherokee to move through the Ozarks and into Oklahoma. As Indigenous people protect 80% of the world's biodiversity while comprising 5% of the global population, sustainability efforts must always consider the stewardship and legacy of Native groups. The Office for Sustainability recognizes the history and contribution of the Cherokee, Osage, Caddo, and other tribes who have protected the space surrounding the University of Arkansas.

## PARTNERS



Finance & Administration Facilities Management





Fay Jones School of Architecture + Design