

College of Natural Resources All College Meeting August 16, 2024

Introductions

Welcome New Colleagues

Dean's Office

- Candace Gaiters Executive Assistant
- Donna Blekfeld-Sztraky Administrative Support
- Shelia Fisher Business Services

Research Office

Ruby Giles, Accountant

Extension

Dr. Will Kohlway, IV - Extension Specialist,
 Christmas Tree Production & Marketing

Welcome New Colleagues

Forest Biomaterials

- Dr. Ting-Feng Yeh, Associate Professor Wood and Pulping Chemistry
- Kendra Arnold, Student Service Coordinator for SMT

Forestry and Environmental Resources

- Dr. Ritwick Ghosh, Assistant Professor Environmental Governance
- Dr. Jeff Doser, Assistant Professor
 Statistical Ecology and Biometrics

Welcome New Colleagues

Parks, Recreation and Tourism Management

- Terri Stowers, Recreation Consultant -Recreation Resources Service
- Nyrice Lynette Grayson, Undergraduate Program Coordinator
- Dr. Janine Bethea, Assistant Teaching Professor Sport Management

Summer Recognitions

Research Office

 Christine Epps passed the CRA exam and is now Certified Research Administrator.

Advancement

 Jennifer Viets, Top 25% of frontline major gift fundraisers at NC State (2023-2024)

Extension

- Dr. Carla Barbieri (PRTM), 2023 NIFA Partnership Award for Multistate Efforts, Team Award (May 2024)
- Jennifer Fawcett (FER), Prescribed Burner of the Year, NC Prescribed Fire Council (August 2024)
- Dr. Kelly Oten (FER), Outstanding Young Alumnus by the College of Agriculture and Life Sciences, NC State University (Sept 2024)
- Dr. Kurt Smith (FER), Outstanding Subject Matter Program by a Team, N.C. Association of Cooperative Extension Specialists
- Renee Strnad (FER), Outstanding Practitioner Award from Environmental Educators of North Carolina (Sept 2024)

Forest Biomaterials

- Sunkyu Park appointed Jordan Family Distinguished Professor for Resource Innovation
- Nathalie Lavoine, 2024 National KEEN Rising Star Award
- Kai Lan, Selected member of the Young Academy for Sustainability Research at the Freiburg Institute for Advanced Studies (Germany)

Parks, Recreation and Tourism Management

 Jonathan Casper, DELTA Course Quality Mentors for 2024-25

Forestry and Environmental Resources

- Romeo Jump, Finalist for the Outstanding Global Engagement Award
- Meredith Martin, Outstanding Global Engagement Award (Early Career Faculty Category)
- Lara Pacifici, 2023-2024 Alumni Distinguished Undergraduate Professor
- Ana Cubas Baez and Madisen Fuller
 Best Poster Awards at the International Union of Forest
 Research Organizations (IUFRO) World Congress

Winner of the Research Image Contest Graduate Student - 1st Place



Anukram Adhikary, Forestry & Environmental Resources

2nd Place, Faculty/Staff



Nasir Shalizi, Tree Improvement Program

Safety Awards

- We have EHS University awardees from CNR
- Forthcoming from EHS.... (stay tuned)







★ Forest Biomaterials for Proper Unwanted Materials Management!

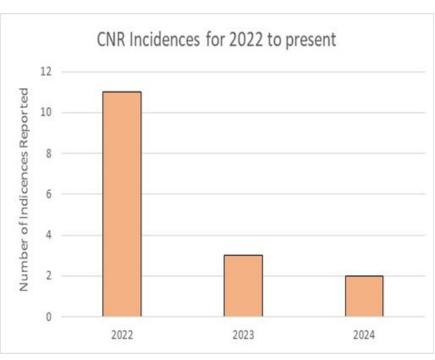


★ Thanks to R. Gonzalez, J. Wang, and Q. Yeh!

EHSA New Safety Plan Permit System (Safety Pls)

- 65% compliance for University; CNR is doing better.
- If you should have renewed and have not EHS will inspect your first.
- It is the same platform you have been using for waste pick-up requests.
- Still a work in progress but definitely an improvement
- Contact E. Nichols or <u>env-health-lab-safety@ncsu.edu</u> for questions or help with troubleshooting.

"Organizations with great safety don't get that way by accident."



National Ranking (College Factual)

- #1 Best Forest Management/Forest Resources Management!
- #1 Best Wood Science and Wood Products/Pulp and Paper Technology!
- #1 Best Parks, Recreation and Leisure Facilities
 Management Master's Degree!



Academic Affairs (Fall Enrollment)

Fall 2024 – <u>New Student</u> Undergraduate Enrollment

	Fall 2024	Fall 2023
Forest Biomaterials	54	41
Forestry and Environmental Resources	116	135
Parks, Recreation and Tourism Management	117	109
Undeclared	45	34
TOTAL	332*	319

^{*}Department enrollment will not sum to 1747 due to students with double majors; and Fall 2024 counts are "pre-census."

Fall 2024 – Undergraduate Enrollment

	Fall 2024	Fall 2023	
Forest Biomaterials	199	217	
Forestry and Environmental Resources	773	776	
Parks, Recreation and Tourism Management	732	679	
Undeclared	56	38	
TOTAL	1747*	1710	

^{*}Department enrollment will not sum to 1747 due to students with double majors; and Fall 2024 counts are "pre-census."

Fall - 2024 Graduate Student Enrollment

	Fall 2024	Fall 2023	
Center for Geospatial Analytics	115	110	
Forest Biomaterials	53	54	
Forestry and Environmental Resources	136	161	
Parks, Recreation and Tourism Management	71	66	
TOTAL	373	391	

^{*}Department enrollment will not sum to 373 due to students with double majors; and Fall 2024 counts are "pre-census."

CNR Enrollment Headcount by Degree Level (2019-2023)

	Fall 2019	Fall 2020	Fall 2021	Fall 2022	Fall 2023	5-Yr Change
Bachelor's	1597	1680	1641	1616	1710	7.1%
Master's	310	285	287	255	218	-29.7%
Doctoral	131	146	172	174	173	32.1%
GR Cert.	131	133	154	128	111	-15.3%



Mission: To guide, support, and encourage students along their career trajectory by working closely with faculty, staff, and other partners to foster an inclusive environment and to provide access to a high-quality education both within and outside the classroom.

Vision: To develop the best stewards and leaders of natural resources for the future.

And help build your **CAPE** so you soar farther

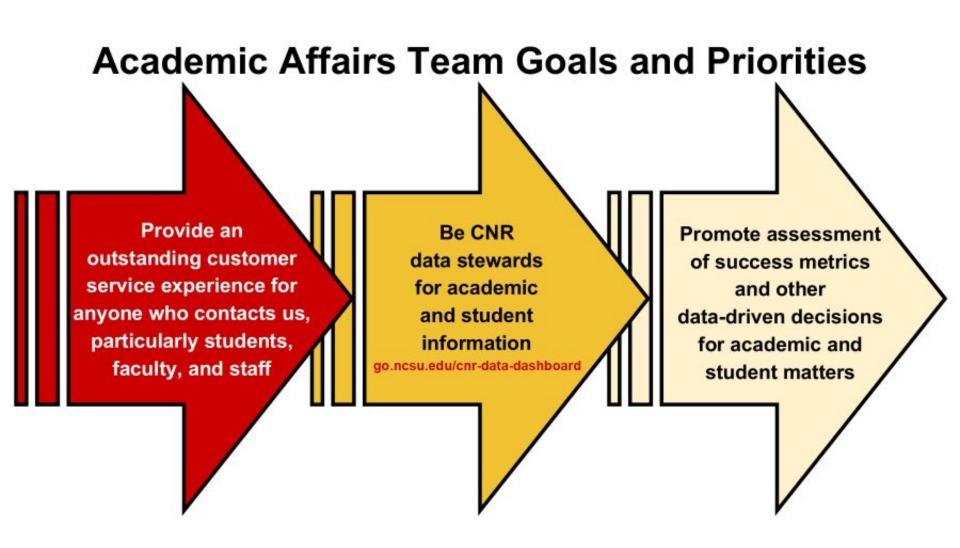
Career

Advising and

Professional

Engagement





Recruitment Initiatives & Student Excellence (RISE)

Recent Successes

- Recommend a Student to CNR at go.ncsu.edu/cnr-recommend
- Undergrad enrollment in CNR increased 9.2% in Spring 2024 and 3.2% in Fall 2024
- Undergrad applications in CNR increased by 5.1%
- Worked with Dr. Jason Boccaro to help launch the new Buzzard Leadership Devt. Program

Goals and Priorities

- Increase the utility of visual technology such as videos to enhance recruitment efforts
- Implement new department visit days for prospective students
- Continue to improve the college-level Graduate
 Fellowship selection process





Saturday, October 19, 2024 - Open House

Environmental First-Year Program (ENVFY)

Recent Successes

- Secured ongoing DELTA partnership to create course modules
- Secured partnerships with College of Education & College of Sciences
- Relocated to Biltmore Hall (3003-3005)
- Expansion of staff

date!

Goals and Priorities

- Continued cross college expansion of ENVFY
- Celebrate the new ENVFY/EcoVillage Partnership
- Pilot our new Urban Forests Module (FER, Horticulture, PRTM)
- Welcome new Associate Director
- Increase student engagement and success activities
- Continue educational innovations via DELTA partnership



Wednesday, August 21st, 2024 1-3pm, CNR Wolfpack Welcome Week College Connections Event, Schaub Lawn

date!

Student Success and Academic Services

Recent Successes

- Outreach & support to readmitted and transfer students
- Streamlining undergraduate New Student Orientation process
- Inclusion of college-wide of wellness offerings with
 Embedded Counselor

Goals and Priorities

- Jordan McMican's transition into Director role (Yvonne's position)
- Re-envision student support services, esp. for high D/F/W courses
- Review program learning outcomes
- Moved to Stacy Nelson's Office: CNR Council, student wellness (Embedded Counselor), major engagement activities



Friday, December 13, 2024 at 2pm, CNR Fall Commencement

CNR Community Notice Boards

These bulletin boards are for the entire CNR community: faculty, staff and students, to post flyers about courses, organizations, events & more.

Board locations

- Biltmore Hall across from Biltmore 2002
- Biltmore Hall across from Biltmore 3016
- Biltmore Hall across from Biltmore 3028
- Jordan Hall across from the windows next to 3116
- Jordan Hall Addition- first floor by windows near JHA1216



Career Advising & Professional Engagement (CAPE)

go.ncsu.edu/CNRcareerdevelopment go.ncsu.edu/CNRcareerservices

Recent Successes

- Fall career fair at 52% capacity (23 registered employers)
 - 7 For-Profit
 - 5 Consulting
 - 8 Government
 - 3 Non-Profit
- Deanna received the NCDA Presidential Recognition Award

Goals and Priorities

- Build community within CNR for career focused professionals
- Involvement in NC State's new Quality Enhancement Plan for High Impact Experiences (HIEs)
- Increase programming and activities for graduate students
- Maintain network of employers
- Expand spring career fair





CNR Career Fair





Wednesday, October 2, 2024 10 am - 2 pm Talley **Coastal** Ballroom



Employer Registration

Attending Employers





Wednesday, March 5, 2025 10 am - 2 pm | Talley Ballrooms (all)

Come Visit Us!

Biltmore 2018 (AAO, ASSIST, CAPE) Biltmore 3001-3005 (RISE, ENVFY)







Research

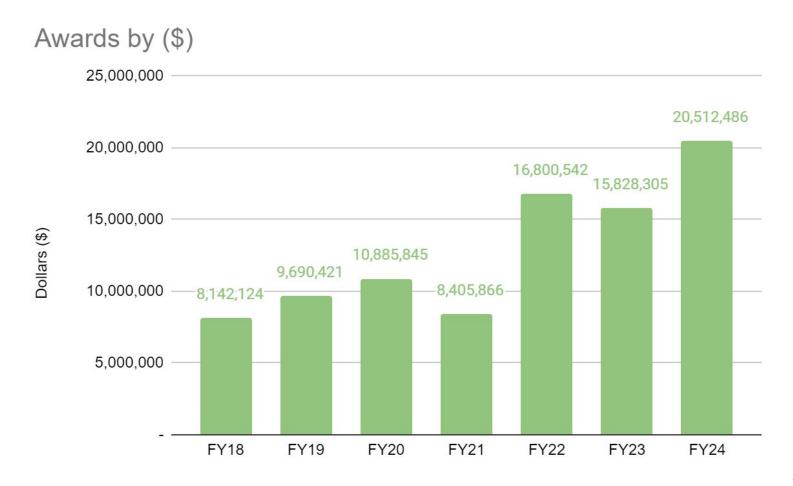
College of Natural Resources Research Overview

Cherie Anderson

Director of Research Operations

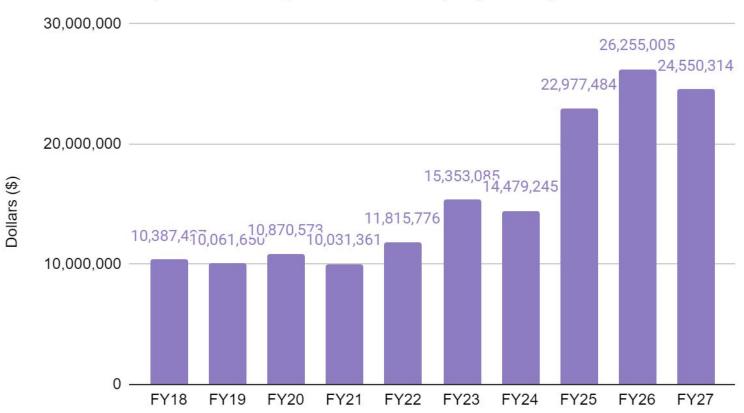
August 2024

CNR Research Performance



CNR Research Performance

Research Expenditures (FY25-27 are projected)



Research Highlights

Recent Large Grants > \$1 Million include:

- Justin Whitehill, USDA, "A Gift Seed: Accelerated Genetic Improvement Of Fir Through Sequencing, Economics, Extension, & Diagnostics", \$7.4M
- Sunkyu Park, US Department of Energy, "Deep Eutective Solvent Pulping Technology to Reduce Carbon Emission in Pulp and Paper Industry", \$2.1M
- Trevor Walker, Nat'l Fish and Wildlife Foundation, "Coordinating and Advancing Rangewode Longleaf Restoration", \$1.5M
- Caren Cooper, NSF, "Iterative Improvement of a Program for Building Inclusive,
 Diverse, Equitable, Accessible Large-scale Participatory Science Projects",
 \$1.1M

Research Highlights

Faculty with new awards totalling >\$1 million

- Jelena Vukomanovic, 5 new awards totalling \$1.9M
- Ronalds Gonzalez, 18 new awards totalling \$1.5M, primarily due to SAFI consortium
- Lokendra Pal, 6 new awards totalling \$1.4M

Research Highlights

Major new awards announced, currently in negotiations to start FY2025

- Lokendra Pal, US Department of Energy, "Biocatalysis of Lignocellulosics and Electgrostatic Assist Pressing" (BioLEAP) \$2.2M
- Sunkyu Park, US Department of Energy, "A Novel Approach to Decarbonizing the Pulp and Paper Industry: Kraft Chemical Recovery via Bipolar Membrane Electrodialysis" (CHROME), \$3M

Other Research Highlights

- 6th Annual Graduate Student Research Symposium: 60+ graduate students participated in our signature annual event and over \$7000 in cash awards were distributed.
- Summer Undergrad Research Experience: ~20 undergrads participated in an 8-week professional development and networking program.

Looking Ahead

- We will be hiring two new full-time employees:
 - Senior Research Administrator
 - Financial Specialist / Executive Assistant
- AirTable deployment:
 - Workflow management software
- We are excited / anxious about changes happening at the top!

Budget & Philanthropy

FY 24 CNR Expenditures

Fund Type	Dean	Extension	CGA	PRTM	FB	FER	Total
State App. Academic	2,783,632	0	2,054,694	4,666,001	3,064,284	7,950,634	20,519,245
Agricultural Research	421,357	0	105,922	2,510	568,711	1,154,879	2,253,379
Coop Extension	0	1,517,320	0	0	0	0	1,517,320
McIntire-Stennis	130,920	0	139,123	55,854	188,201	486,768	1,000,866
Contracts & Grants	0	272,699	2,059,883	2,234,502	4,494,675	6,348,099	15,409,858
F&A Receipts	296,206	4,627	35,393	26,293	97,817	258,373	718,709
Foundations	1,441,547	4,048	101	130,034	888,345	592,106	3,056,181
Gifts to NC State	183,103	16,130	135	35,684	198,864	2,069,244	2,503,160
Endowments	2,199,520	11,075	66,549	388,051	224,359	929,624	3,819,178
Other ##	487,647	139,534	81,824	412,899	2,245,790	366,671	3,734,365
Totals	7,943,932	1,965,433	4,543,624	7,951,828	11,971,046	20,156,398	\$54,532,261

Advancement Highlights

- Raised \$5.3M, against a \$4.5M goal!
- Raised \$2.3M on Day of Giving!
- Fundraising for Camp Slocum, received \$300,000
- New Dr. Hasan Jameel Distinguished Professorship!
- Our "Trailblazer Event" continues to be successful!





Extension

Extension Update



Active Searches



Assistant Professor and Extension Specialist

Wood Products



Extension Associate – Prescribed Fire and Fire Science

Efforts

Office of Continuing and Professional Education

- Service center to support faculty and staff
- Provides logistical, marketing, and financial management services
- REPORTER/Wolfware Outreach Services
- Services are provided on-campus, off-campus, international

Programs that utilized CPE services in 2023-2024

 College administration, Forest Biomaterials, Forestry & Environmental Resources, Extension, External partners

20 events

- College events, short courses & training events
- National meetings & workshops
- International Conference

Continuing & Professional Education

Office of Continuing and Professional Education

- Service center to support faculty and staff
- Provides logistical, marketing, and financial management services
- REPORTER/Wolfware Outreach Services
- Services are provided on-campus, off-campus, international

Programs that utilized CPE services in 2023

College administration, Forest Biomaterials, Extension, External partner

10 events completed in 2023

- Local college events, short courses and training events 5
- National events/workshops 4
- International conference 1

Innovation in Mass Timber Solutions

WHEN

Oct 28 - 29, 2024

WHERE

Park Alumni Center NC State University

2450 Alumni Dr, Raleigh, NC 27606

NC STATE UNIVERSITY

College of Natural Resources College of Design

College of Engineering



Jordan Lumber & Supply Inc.

Featuring:

- ½ day field tour
- Expert presentations
- Small group activities & discussions
- Poster session
- Networking meals, breaks, and receptions

More information & Register https://go.ncsu.edu/masstimber



Diversity and Inclusion

DEI Program Updates



Field Inclusive, Inc.



Under and Grad
Student Feedback
Sessions

(formerly CNR Black Male Initiative Program)

Research Equity and Achievement Program (REAP)

 Former Graduate: Environmental and Data Scientist - RTI International



CNR Summer High School Pathways to Success Program

DEI Program Updates



Minorities in Agriculture, Natural Resources and Related Sciences (MANRRS)

National Conference, Chicago, IL, March 20-24, 2024

Awards and Recognitions to CNR Students at the National Conference

- Andrea Casallas: 2nd place in the Undergraduate Oral Research Competition
- Summer Lauder: 1st place in the Graduate Poster Competition



Dr. Zakiya Leggett led a delegation of 8 CNR students:

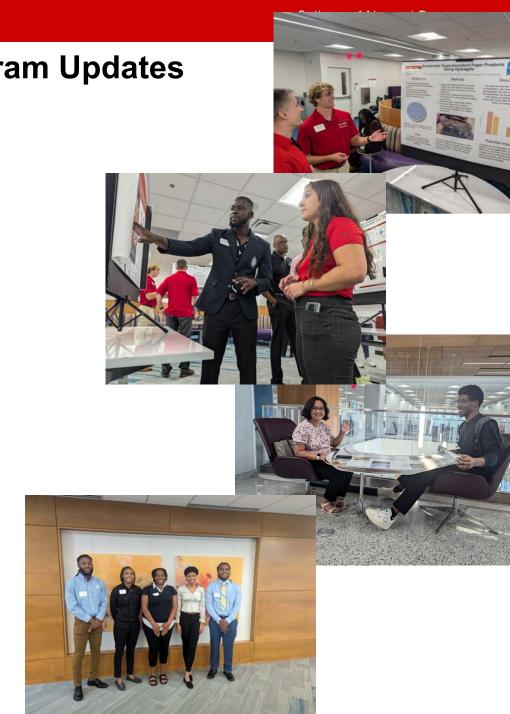
- 4 high school students*
- 2 undergraduates
- 2 graduate students

*The high school students now represent the official CNR inaugural Executive Board for our new **Triangle Area Junior MANRRS chapter**.

DEI Program Updates

CNR Summer Undergraduate Research Experience (CNR-SURE)

- Over 20 CNR summer intern students
- 6 home institutions represented (including NCSU): Amity University-India, St. Augustine's University, NC A&T University, Southern University, and UNC-Chapel Hill



THANK YOU!!!! **NC STATE** UNIVERSITY

College of Natural Resources

Gania Woods-Hudson Jennifer Richmond-Bryant

Lucian Lucia Kathryn Snyder

Nancy Haworth Michael J. Harrington

Lauren Pharr Rosemary Nguru

Kayla Stukes

Shane Jarvis

Michael Caslin Nikki Harris

Myron F Floyd Christine Epps

Janice Sitzes Caren Cooper

Kayla Gilligan Mary Hicks

Adarsha Gowda Joshua Gira.

Sai Karthik Gade David Goodwin

Caleb Cothron **Dustin Duckwall**

Kevin Jarvis William Kohlway Zakiya Leggett

Priya Rajarapu Justin Whitehill Angela Allen

Bethany Cutts Angela Chiang

Dom Zecca Ivana Mali

Maricar Aguilos **Dominic James**

Cameron Carter Deanna Knighton

Melissa Pasquinelli Margaux Lobeira **Christopher Collins**

Laurel Cavanagh Chris Moorman

Bill Slocumb Anukram Adhikary

Ross Meentemeyer Prabin Bhusal **Rasul Mowatt** Joel Pawlak

Erin Sills

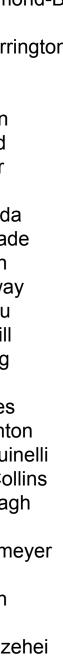
Anny Morales

Stephen Agwuncha

Kimberly Bush

Jingxin Wang Alfonso Dominguez Gonzalez

Solomon Ghezehei



CNR Office of Diversity, Equity and Inclusion



3/17/2023

Legislative Data Request

facilitations, organizational

NC General Assembly (NC GS§

120-76)
All courses, workshops, trainings,

developments, and course designs, delivered virtual person on the subject o

other similar topics

- diversity
- equity
- inclusion
- · accessibility
- racism
- anti-racism
- anti-racist
- oppression
- · internalized oppressi
- systemic racism
- sexism
- gender
- LGBTQ+
- white supremacy
- unconscious bias
- bias
- microaggressions
- critical race theory
- intersectionality
- social justice

GENERAL ASSEMBLY OF NORTH CAROLINA SESSION 2023

SESSION LAW 2023-62 SENATE BILL 364

The UNC Policy Manual 300.8.5

Adopted __/__/24

Equality Within the University of North Carolina

The University of North Carolina reaffirms its longstanding commitment to the equality of opportunity in education and employment as a core value, and the Board of Governors repeals Section 300.8.5 of the UNC Policy Manual, *Policy on Diversity and Inclusion Within the University of North Carolina*, and Section 300.8.5 of the UNC Policy Manual, *Regulation on Diversity and Inclusion Within the University of North Carolina*, and supersedes them with the following policy:

- I. Purpose. The law of North Carolina defines "The University of North Carolina [as] a public, multicampus university dedicated to the service of North Carolina and its people." Its mission prescribed by law is to "discover, create, transmit, and apply knowledge to address the needs of individuals and society." <u>G.S. 116-1</u>. Accomplishing the former—addressing the needs of individuals—requires that each be treated as an individual deserving of dignity and inclusion. The University shall continue to ensure that diverse persons of any background, from North Carolina and beyond, are invited, included, and treated equally. Diversity means the ways in which individuals vary, including, but not limited to, backgrounds, beliefs, viewpoints, abilities, cultures, and traditions that distinguish one individual from another.
- II. Nondiscrimination in Employment Practices & Educational Programs and Activities. The University of North Carolina's employment practices and provision of educational programs and activities shall continue to comply with federal and state law prohibiting discrimination and harassment of members of protected classes, including, without limitation, Title VII of the Civil Rights Act of 1964, The Age Discrimination in Employment Act of 1967, Title IX of the Education Amendments of 1972, the Americans with Disabilities Act of 1990, and the Uniformed Services

PROHIBIT VERNMENT RATE THE COLLEGE PERSONS

COMPELLED SEECH

th Carolina Board of d of Governors amend and free expression in 'Amendment"). The Ai m politics to the extent nittee on Freedom of E

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On Anti-BDS Legisla

to academia: i) the free ional interests; ii) the st o and during the appliasions officers, and proapplicants and emploagued on merit in a

for approved excepti

is for itself, the preside Amendment's imple

University spokesperson:

NC State is reviewing the UNC System guidance and is "focused on providing programs and services that positively impact academic and professional performance, while maintaining our commitment to institutional neutrality."

- Brianna Atkinson, Here are the steps North Carolina's public universities are taking to obey a new DEI ban, WUNC. July 15, 2024

Dates for completing Changes:

- Report due to Provost by 8/23/2024
- University's due date to comply with the UNC BOG is 9/1/2024



Proposed position:

Associate Dean for College Culture and Community

Enhance Access and Opportunity: Develop programs that expand educational and career opportunities for students from different backgrounds, promoting their success and retention.

Foster a Supportive College Culture: Lead initiatives that strengthen community engagement, cross-cultural connections, and collaboration among students, staff, faculty, and partners.

Promote Well-being: Design wellness programs that support personal and professional growth, providing resources and assistance for those facing challenges.

Drive Organizational Change: Champion strategies that create a vibrant, welcoming environment for all to thrive.



Proposed position:

Associate Director of Student and Community Well-being

Program Development and Management: Educational and community-building programs that promote a positive and supportive college culture.

Assessment and Evaluation: Program effectiveness, feedback, and data-driven improvements.

Mental Health and Wellness Support: Connect students, staff, and faculty with appropriate resources, and organize wellness programs and events.

Communication and Outreach: Assist in developing outreach efforts and communication of above efforts.



CNR Graduate and Undergraduate Student Peer-Mentoring Program

Retention: Personalized support and acclimation to the college environment.

Community-building: Group meetings and activities designed to foster a strong sense of community and connections with their peers.

Holistic support: Feedback and support on academic challenges, research progress, and personal well-being, and access to the resources needed to succeed.

Mental health and social wellness: through programs that create a supportive atmosphere for students feel valued and understood.

Faculty Promotions

Conferral of Tenure at the Rank of Associate Professor

- Justin Baker, FER
- Robert Jetton, FER

Promotion to Associate Professor with Tenure

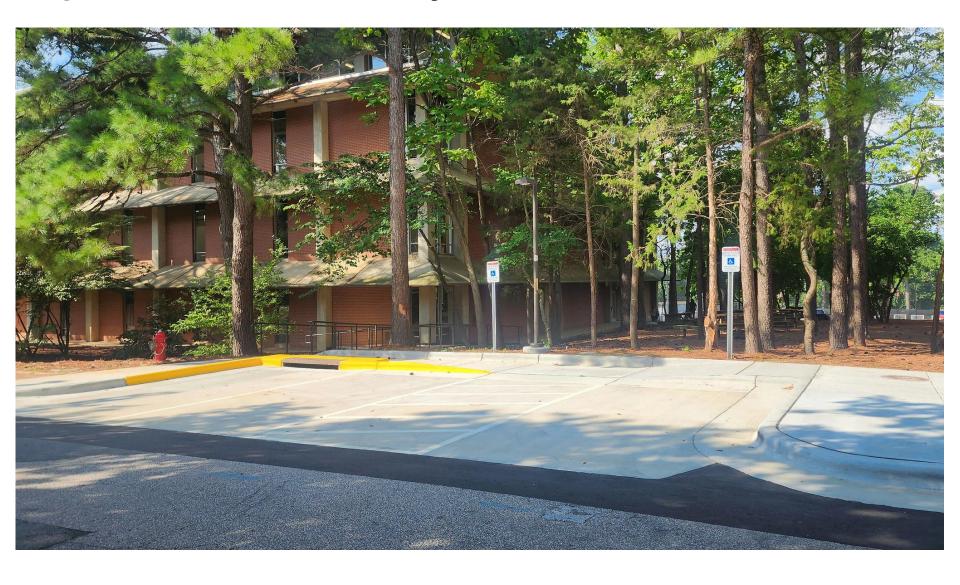
- Ayse Ercumen, FER
- Katherine Martin, FER
- Rajan Parajuli, FER
- Jack Wang, FER

Promotion to Professor

Mirela Tulbure, FER

Spaces

Improved ADA Accessibility



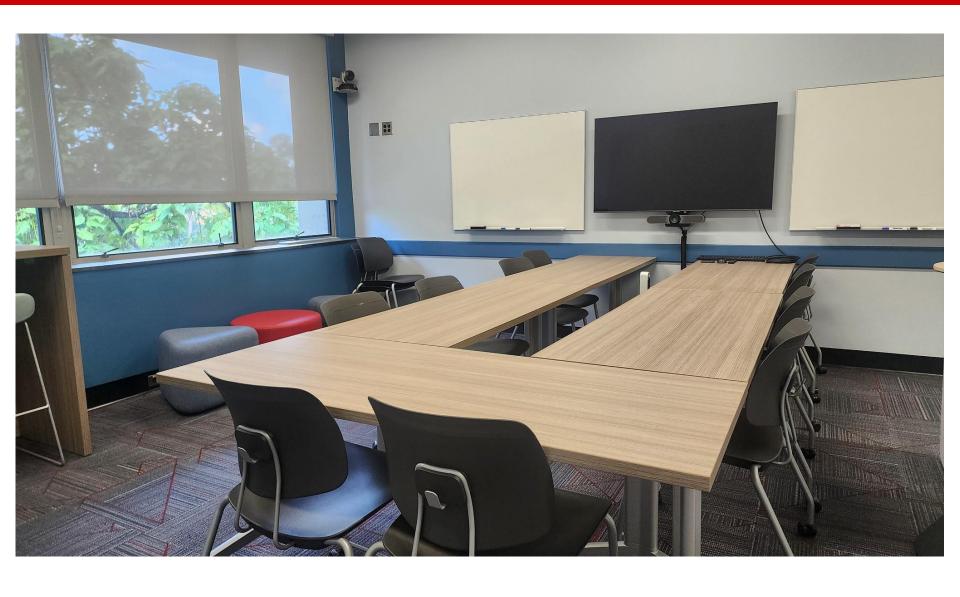
NC STATE UNIVERSITY



The Nest (Old Conger)



NC STATE UNIVERSITY



NC STATE UNIVERSITY

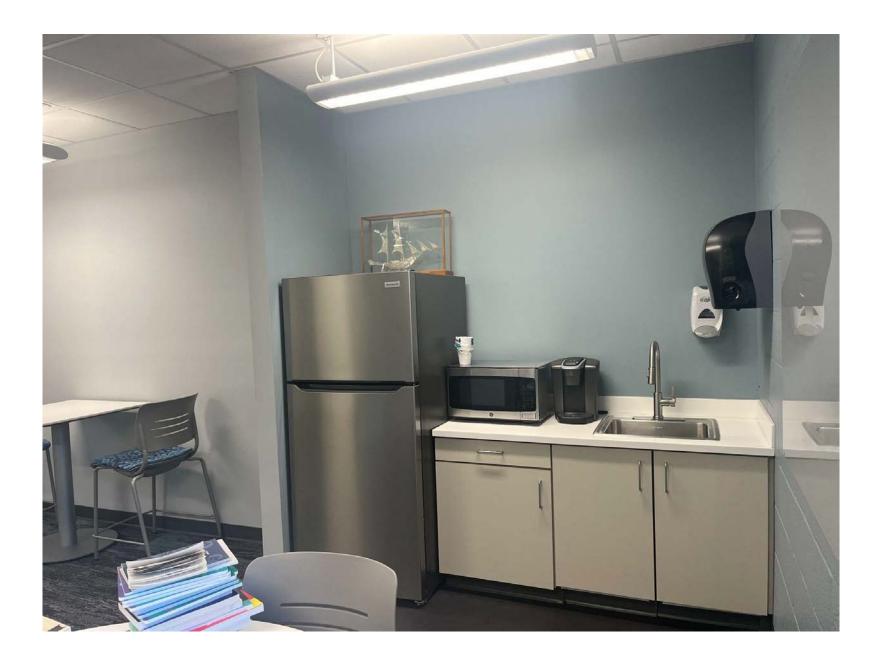


Break Room



NC STATE UNIVERSITY





Biltmore 1003 ("New Conger")



NC STATE UNIVERSITY



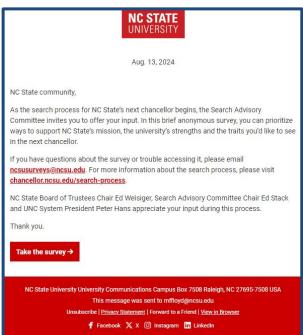
Other projects

- New wayfinding will be coming soon for both Biltmore and Jordan.
- Naming recent projects, including the first floor lobby (The Grove) and the adjacent courtyard (The Dogwood)
- Schenck Building project (remains under consideration)

Looking Ahead

University Updates

- · Chancellor's Search
- UNC Policy on Equality (300.8.5)
- Vice Chancellor, Office of Research
 & Innovation
- Associate Dean, CALS & Director of Extension & VP Extension and Engagement
- Spring 2025 Commencement
 - Carter-Finley Stadium





Challenges/Opportunities

- Preparing for the next chancellor and provost communicating our strength/leadership
- Strategic reallocation of resources toward "growth areas" aligned with college and university priorities
- Budgeting and revenue generation, focusing on strategic growth without adding resources
- Enhancing graduate student support
- Continue to create pathways to natural resource careers

Forthcoming...

 Stay tuned for strategic conversations around college priorities.



Thank You! Q&A

