

COLLEGE OF NATURAL RESOURCES All College Meeting Myron Floyd, Interim Dean

Welcome



Leadership Team

- Melissa Pasquinelli, Associate Dean for Academic Affairs
- Marian McCord, Associate Dean for Research
- Bob Bardon, Associate Dean for Extension & Engagement
- Shane Jarvis, Assistant Dean for Finance & Business
- Lara Fuenmayor, Assistant Dean for Advancement
- Tom Gower, Department Head, FER
- Marko Hakovirta, Department Head, FB
- Michael Kanters, Interim Department Head, PRTM
- Ross Meentemeyer, Director, CGA

New Faculty and Staff

- Dean's Office
- Academic Affairs Office
- Research Office
- Advancement Office
- Forestry and Environmental Resources

- Parks, Recreation and Tourism Management
- Forest Biomaterials
- Center for Geospatial Analytics



State of the College

- Academic Affairs Update
- Research Office Update
- Extension Program Update
- Advancement Update
- Facilities Updates
- Budget Outlook
- Interim Dean Priorities

Office of Academic Affairs

Dr. Melissa Pasquinelli Associate Dean

ROLE OF HIGHER EDUCATION

Lifetime achievers

Problem solvers

Dreamers

ROLE OF ACADEMIC AFFAIRS

Lifetime achievers



ACADEMIC AFFAIRS

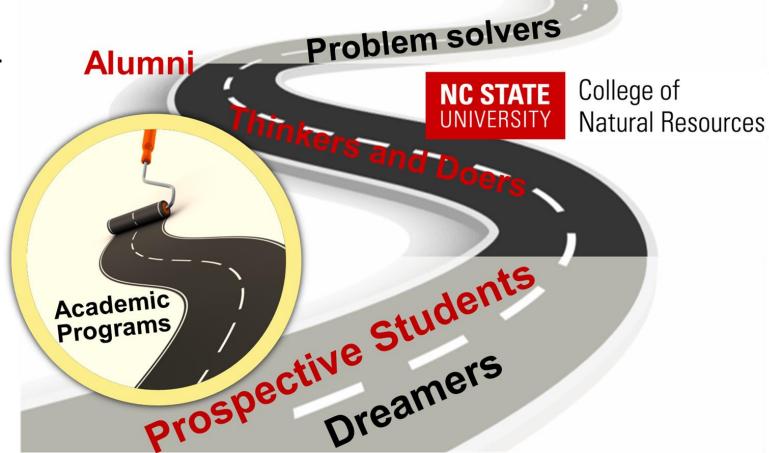
Mission: To guide, support, and encourage CNR students along their career trajectory by working closely with faculty, staff, and other partners to foster an inclusive environment and to provide access to a high-quality

education both within

and outside

the classroom.

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



The CNR Academic Affairs Team



Melissa
Pasquinelli
Associate Dean of
Academic Affairs



Tiffany McLean
Director of Recruitment
and Student Engagement



Yvonne Lee
Director of Academic
and Student Services



Sherry Rumph
Coordinator of Academic
Affairs and Student
Services



Alex Loflin
Recruiter



Patti Najarian
Executive
Assistant

ADDITIONAL STAFF

- 2 Recruitment Interns
- 1 Professional Development Intern
- 1 Enrichment Fund Intern
- 1 Academic Affairs Intern
- 1 Graduate Student Intern
- 1 Work Study

And...19 Student Ambassador Volunteers!

Strategic Priorities for Academic Affairs

Provide high
quality,
college-level
support for
undergraduate
education

Provide highquality, college-level support for graduate education

Maintain customer service focus and strive for continuous improvement

Strategic Priorities for Academic Affairs

Provide high quality, college-level support for undergraduate education

Provide highquality, college-level support for graduate education

Maintain
customer service
focus and strive
for continuous
improvement

Academic and Student Support (Yvonne, Sherry, Melissa)

Re-invigorate **CNR Honors program**

Student Engagement (Tiffany, Melissa)

- Evaluate retention and student engagement efforts
- Form a team to develop a replacement to the Freshman common reading program.
- Form a team to develop a proposal for a
 Natural Resources Scholars program
 targeted for scholarship holders of a
 particular value, as a means of increasing
 prestige and enrichment for the students

Recruitment (Tiffany, Alex, with Recruitment Team)

 Focus recruitment efforts on high-quality students and reaching larger target specialized populations, particularly rural, and community college students as well as people of color (POC)

Undergraduate Student Enrollments

		First Year	External Transfer	Total
TOTAL ENROLLED (As of 8/20/19)		255	107	1578*
GENDER	% Female	43%	30%	40%
ETHNICITY	% Non-White	17%**	13%**	21%**
RESIDENCY	% Out-of-state	14%	9%	13%
	% International	0%	1%	2%
AREAS OF	Tier 1 (rural)	10%	7%	
NC	Tier 2	22%	21%	
	Tier 3 (urban)	52%	60%	

^{*}Including EFY-PSE students

^{**}Non-white also includes students who identified as more than one ethnicity

Reminders from UG Recruitment Team

- Please let a member of our recruitment team know if you are working with prospective students including elementary, middle, high school, and community college
 - New university policy for minors!
- Help us find outstanding alumni who would be good to help with recruitment

- Tiffany McLean, Director of Recruitment and Student Engagement
- Alex Loflin, College Recruiter
- Gabriella Sinkovic, Student Services Coordinator, PGM
- Kimber Lunsford, Assistant Director of Undergraduate Programs for FER
- Jennifer Piercy, Director of Student Recruiting, PSE
- Michele Serrano, Recruiter and Program Coordinator, SMT
- Janell Moretz, Asst. Director of Undergrad Programs, PRTM
- Dr. Shaefny Grays, Interim Director, Office of Diversity and Inclusion













Strategic Priorities for Academic Affairs

Provide high quality, college-level support for undergraduate education

Provide highquality, college-level support for graduate education

Maintain
customer service
focus and strive
for continuous
improvement

Academic and Student Support (Yvonne, Sherry)

 Explore interest in a doctoral hooding ceremony

Student Engagement (Melissa, DGPs, CNR Research Administration Office)

 Offer a series of events (2/semester) for graduate student engagement and professional development activities.

Recruitment (Melissa, DGPs, Shaefny)

- Establish a recruitment team charged with developing a plan for concerted efforts for graduate recruitment at the college level to improve the quality and diversity of enrolled students.
- Work with the CNR Research
 Administration Office and Departments to explore other avenues for funding graduate work.

Graduate Student Enrollments

		Masters (MS/MR)		Doctoral	Total
		Traditional	Online	Doctoral	IOlai
Total Enrolled (As of 8/20/19)		89 216 (90 new)		130 (33 new)	435 (123 new)
GENDER	% Female	52%	42%	44%	45%
ETHNICITY	% Non-White	19%	18%	12%	16%
RESIDENCY	% Out-of-state and International	37%	20%	54%	33%

Strategic Priorities for Academic Affairs

Provide **high** Provide **high**quality, quality, college-level college-level support for **support** for undergraduate graduate education education Maintain customer service focus and strive for continuous improvement

Academic and Student Support (Yvonne, Sherry, Melissa)

- Encourage and support the use of GPS (Go, Plan, Succeed) to document student progress.
- Develop more efficient workflows and schedules: room reservations, etc.
 - New page on CNR Internal Resources
- Re-establish advising awards and add graduate mentoring awards
- Increase participation of GSAs in CNR Council

Student Engagement (Tiffany, Patti, Melissa)

- Increase professional development activities for all students
 - First CNR Career Fair (Oct. 17)
 - Develop proposal for a satellite office for Career Development

New Initiatives (Melissa)

Professional development and networking activities for faculty and staff





View, document and share advising information



Streamlined appointment scheduling

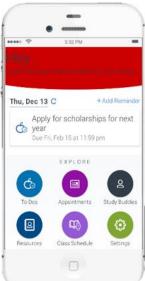


Targeted outreach



Gain insights through reports and data go.ncsu.edu/gps

Announcing GPS Mobile for Students



Key Features



Schedule appointments



View class schedules and find directions to building locations



Manage to-dos and key dates



Access campus-wide services



Study Buddies: Create study groups and ace those tests

Current GPS Partners:

- Academic Colleges (including CNR)
- University Tutorial Center
- Office of International Services-Sponsored Students
- Community College Collaborative Program
- Study Abroad
- Absence Verification Program
- ASPSA (Student Athletes)
- Military and Veteran Services
- Transfer Student Coordinator
- Coordinator for International Student Support
- Office of Undergraduate Research
- ROTC
- University Scholars Program
- Shelton Leadership Center
- TRIO

Other Announcements and Reminders

Fall Signature Events

CNR Career Fair:

October 17

CNR Open House:

October 19

All major recruitment and student services events can be found on the Calendar!

CNR Recruitment and Student Services Calendar

Also, new tab on the CNR Internal Resources page for things like "Who to contact"

Students Faculty, Staff, Employers, Donors, Parents, Alumni **Baby Boomers** Generation X Generation Y Generation Z Maturists Characteristics (Born after 1995) (1945-1960) (1961-1980)(pre-1945) Second World War Cold War 9/11 terrorist attacks End of Cold War Economic downturn Formative experiences Rationing Post-War boom Fall of Berlin Wall PlayStation Global warming Fixed-gender roles "Swinging Sixties" Reagan / Gorbachev Social media Global focus Rock 'n' Roll Apollo Moon landings Thatcherism Invasion of Iraq Mobile devices Nuclear families Youth culture Live Aid Reality TV Energy crisis Defined gender roles -Woodstock Introduction of first PC Google Earth Arab Spring Family-orientated Early mobile technology particularly for women Glastonbury Produce own media Rise of the teenager Cloud computing Latch-key kids: rising levels of divorce Wiki-leaks Percentage in Currently employed in 33% 35% 3% U.K. workforce* either part-time jobs or new apprenticeships Freedom Aspiration Security Home ownership Work-life balance Job security and flexibility and stability Attitude toward Early information "Technoholics" - entirely dependent Largely disengaged Digital Immigrants Digital Natives on IT; limited grasp of alternatives technology technology (IT) adaptors Attitude toward Early "portfolio" careers Digital entrepreneurs -Career multitaskers - will move Organisational — careers - loyal to profession, not career lobs are for life work "with" organisations seamlessly between organisations are defined by employers and "pop-up" businesses not "for" necessarily to employer Signature product Google glass, graphene, nano-computing, 3-D printing, driverless cars Television Tablet/Smart Phone Automobile Personal Computer Communication media Hand-held (or integrated into Formal letter Telephone E-mail and text message Text or social media clothing) communication devices Communication preference Face-to-face ideally, but Online and mobile Face-to-face Text messaging or e-mail Facetime telephone or e-mail if required (text messaging) Preference when making financial decisions Solutions will be digitally Face-to-face ideally, but Online - would prefer Face-to-face Face-to-face meetings increasingly will go online face-to-face if time permitting crowd-sourced

*Percentages are approximate at the time of publication.

https://venitism.wordpress.com/2017/04/04/generations-x-y-z/

ACADEMIC AFFAIRS

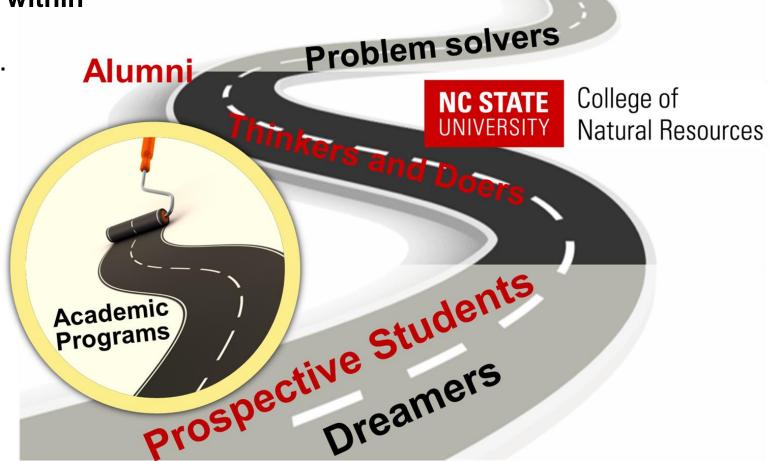
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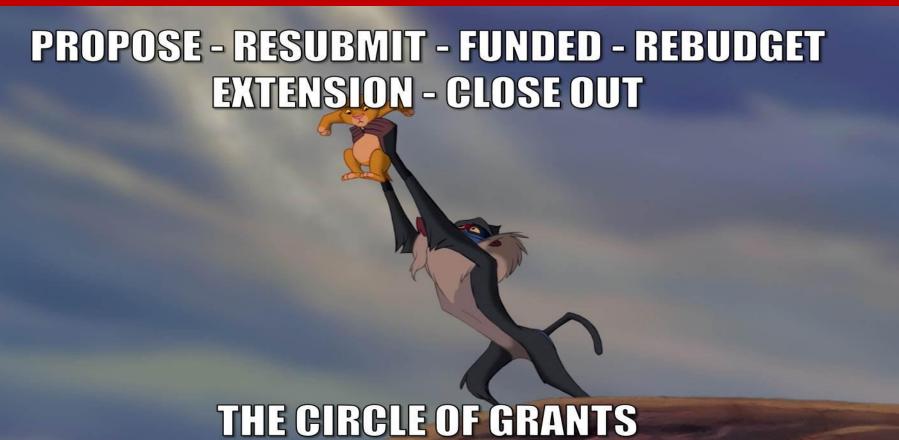
Vision: To develop the best stewards and leaders of natural resources for the future.



All College Meeting August 23, 2019

COLLEGE RESEARCH OFFICE

CRO MISSION: SUPPORT RESEARCH, SCHOLARSHIP AND EXTENSION BY PROVIDING OUTSTANDING SPONSORED PROGRAM DEVELOPMENT AND ADMINISTRATION ASSISTANCE, WHILE MINIMIZING RISK TO PI'S, THE COLLEGE AND THE UNIVERSITY BY INSURING COMPLIANCE WITH STATE AND FEDERAL REQUIREMENTS.

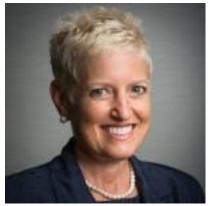


COLLEGE RESEARCH OFFICE

- SPONSORED PROGRAM ADMINISTRATION
 - Proposal development, submission, revisions
 - Project modifications and closeouts
 - Testing and Service Agreements
 - Compliance monitoring (COI, NOI, TEARS, cost-share, etc.)
 - Salary (release and summer)
 - McIntire-Stennis Capacity Grant
 - Federal Equipment Procurement Program
 - Consortia, Centers And Institutes
 - Safety Training

- RESEARCH DEVELOPMENT
 - Seed Funding
 - Junior Faculty Mentoring
 - Partnership Development
 - Proposal Reviews
 - Programs and Events
 - Improve Visibility
 - Advancement

COLLEGE RESEARCH OFFICE TEAM





















COLLEGE RESEARCH COMMITTEE FY 19









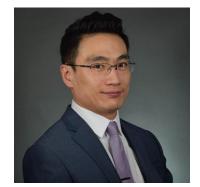














COLLEGE RESEARCH COMMITTEE FY20























GRADUATE RESEARCH SYMPOSIUM

February 2019 - 38 Poster Presenters, 17 Three-Minute Thesis Competitors

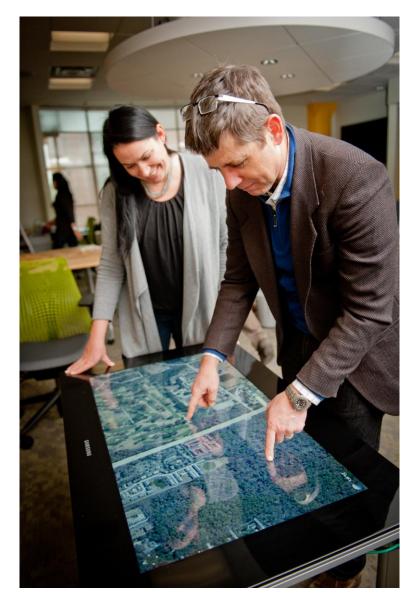


Faculty Research Mixers Program

- "Environmental Justice and Natural Resources
 Management", hosted by Lincoln Larson, speakers:
 Bethany Cutts, Ryan Emanuel, Louie Rivers, 1/16/2019;
- "Hurricanes and Resilient Landscape", hosted by Madhu Katti, speakers: Nils Peterson, Marcelo Ardon, Whitney Knollenberg, 1/28/2019;
- "Innovation", hosted by Duarte Morais and Gene Brothers, speakers: Wade Fulghum, Joel Pawlak, Marian McCord, 3/6/2019;

Great Research News

- Yuan Yao received a NSF CAREER Award, to study biochar within the Food-Energy-Water (FEW) nexus.
- Sunkyu Park, Ronalds **Gonzalez** and collaborators received two USDA NIFA National Needs Fellowship Grants that will support 6 PhD students, and Zakiya Leggett's proposal to support MS students in a joint program with Tuskegee has been recommended for funding.



More Great Research News

- Jodi Forrester received a \$470K USDA NIFA grant to investigate forest management approaches for restoration of species, structural, and functional complexity to Southern Appalachian forested ecosystems
- Fikret Isik was awarded \$500K to use high-throughput genetic screening technologies to discover the genetic markers of fusiform rust disease resistance.
- Bethany Cutts, Elizabeth Nichols, Ryan Emanuel and Madhu Katti have received NSF, USDA, and Foundation funds to study effects of Hurricane Florence on NC ecosystems and communities.



Research Numbers

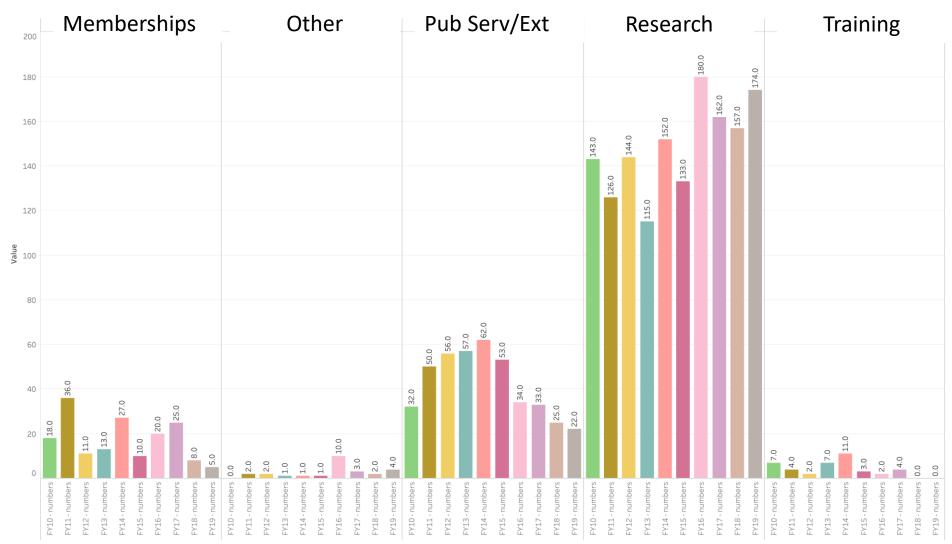
- Submitted 224
 proposals (174 last
 year) on time for a
 total of \$49M (\$35M
 last year)
- Managed 265
 projects and \$10M in expenditures
- Reviewed and signed over 60 Testing and Service Agreements





All Awards by Category (Numbers)

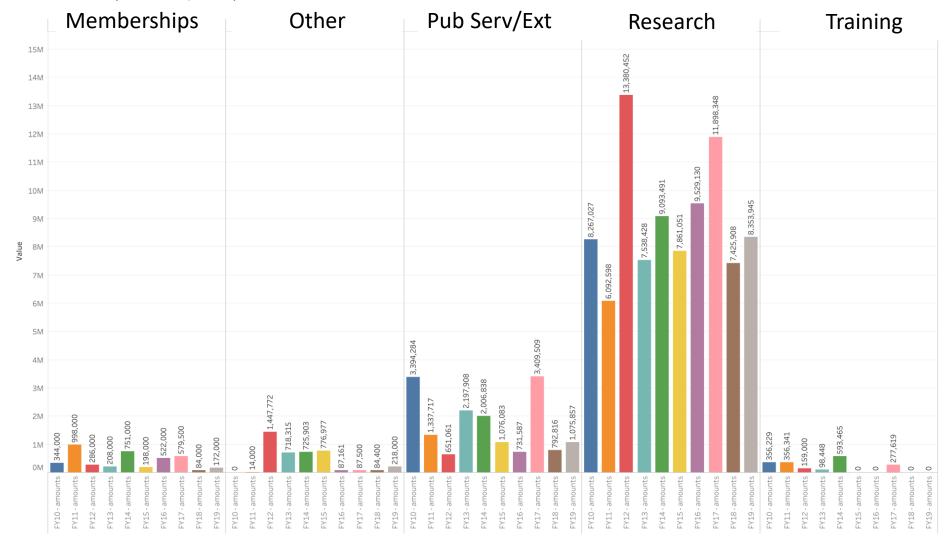
All Awards Numbers Internals Suppressed



FY10 - numbers, FY11 - numbers, FY12 - numbers, FY13 - numbers, FY14 - numbers, FY15 - numbers, FY15 - numbers, FY16 - numbers

All Awards by Category (Dollars)

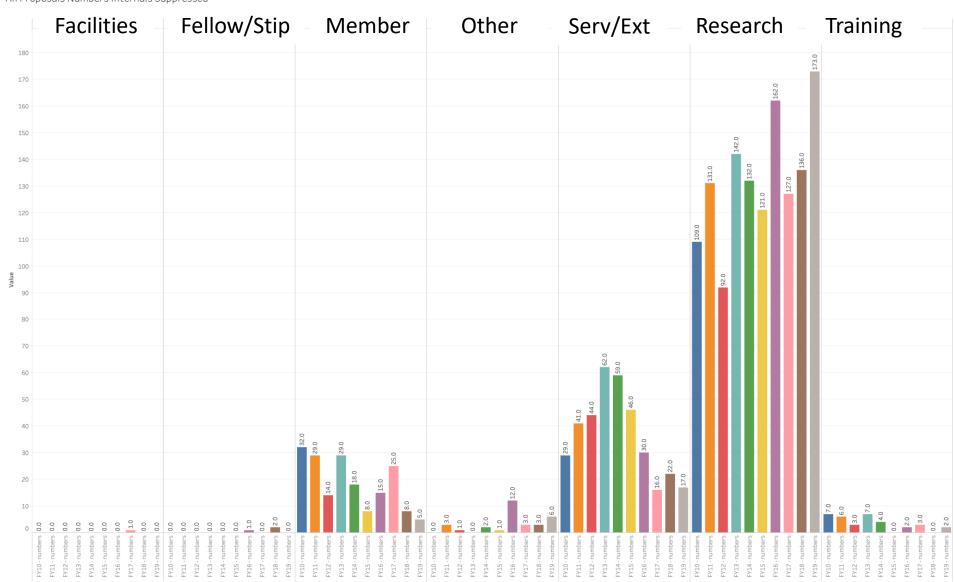
All Award Dollars (Internals Supressed)



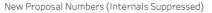
FY10 - amounts, FY11 - amounts, FY12 - amounts, FY13 - amounts, FY13 - amounts, FY14 - amounts, FY15 - amounts, FY15 - amounts, FY16 - amounts

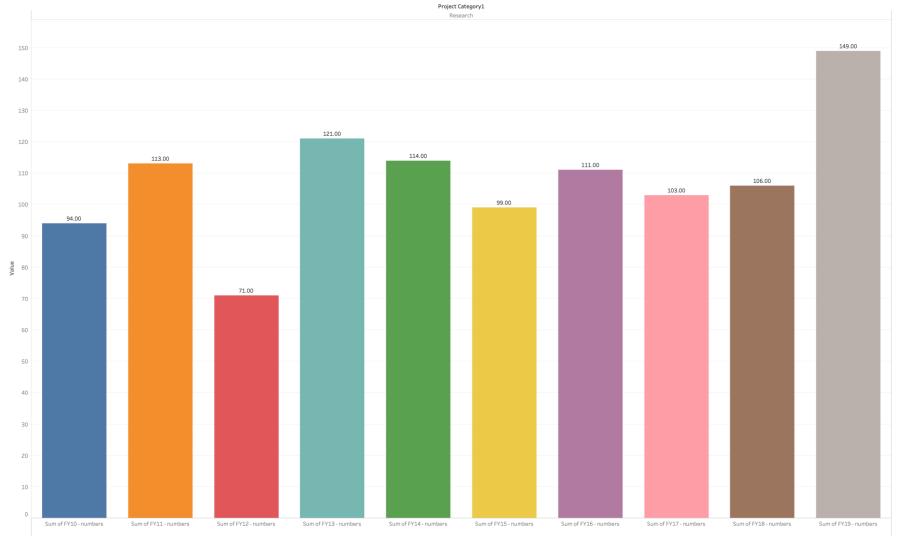
All Proposals by Category (Numbers)

All Proposals Numbers Internals Suppressed



New Research Proposals (Numbers)

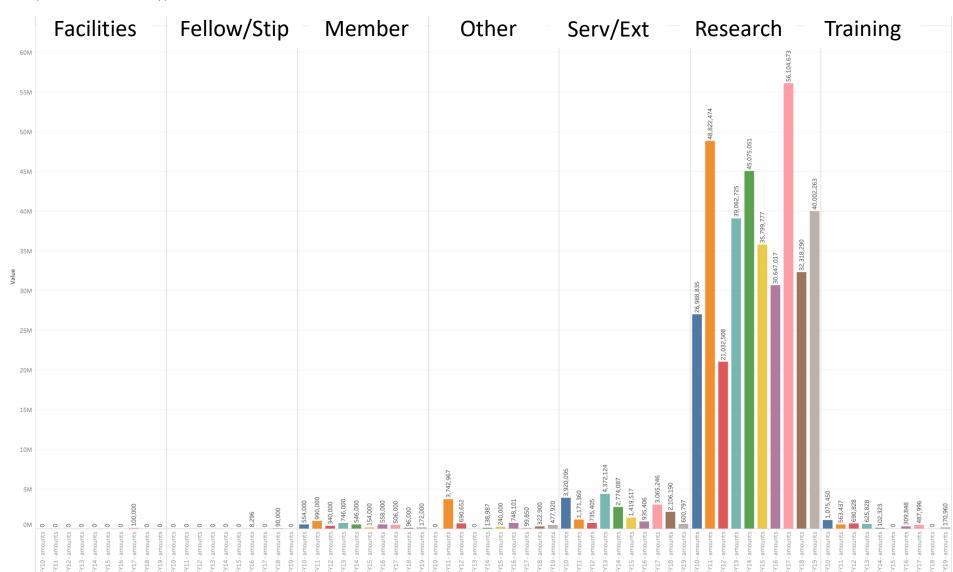




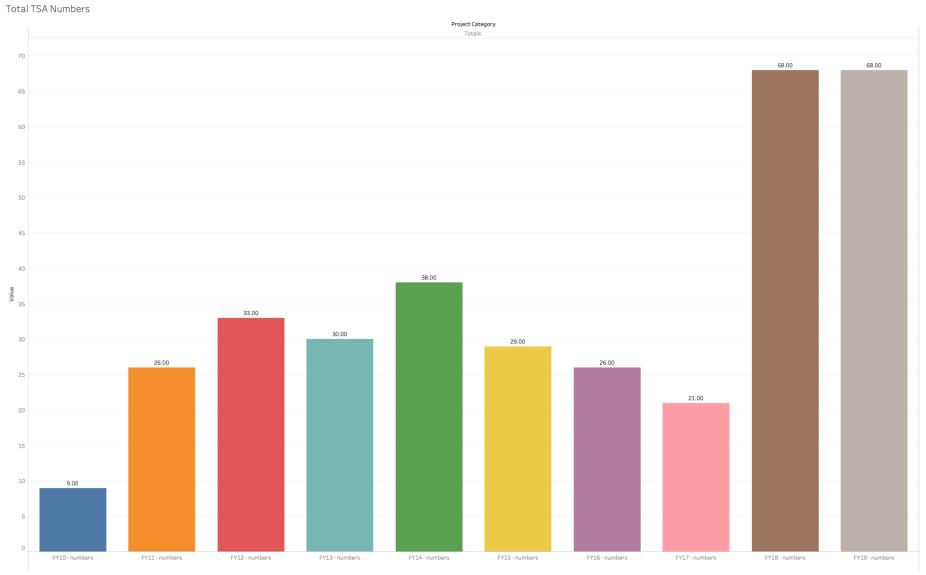
Sum of FY10 - numbers, sum of FY12 - numbers, sum of FY12 - numbers, sum of FY12 - numbers, sum of FY13 - numbers,

All Proposals by Category (Dollars)

All Proposals Dollars Internals Suppressed

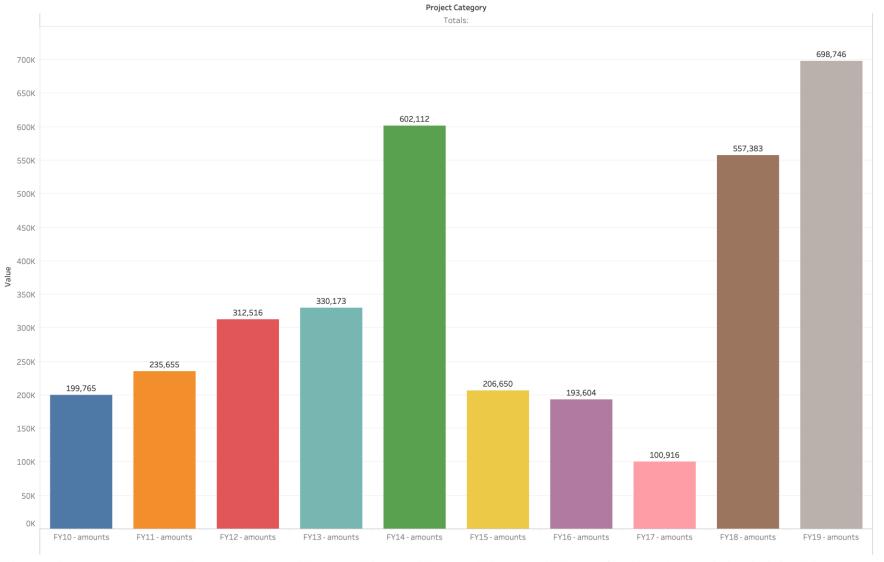


Total Testing and Service Agreements (Numbers)



Total Testing and Service Agreements (Dollars)

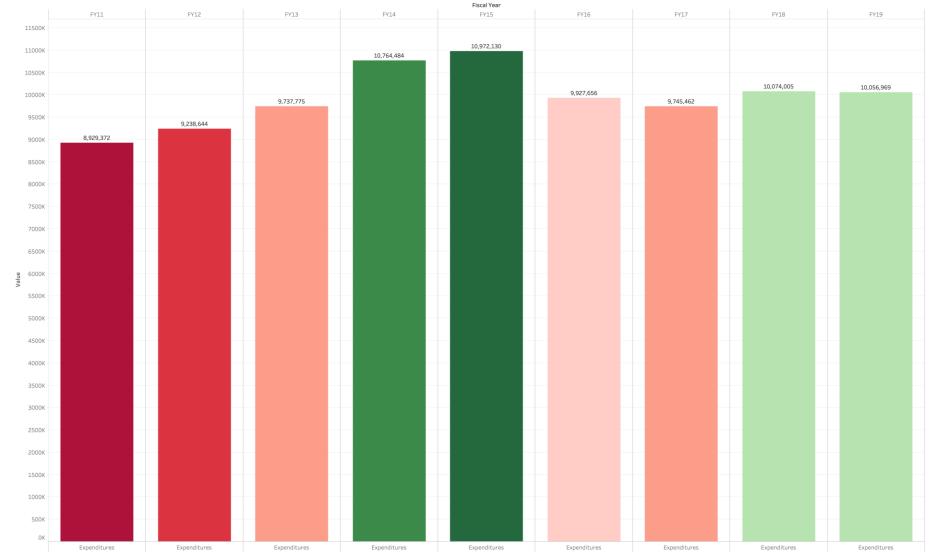
Total TSA Dollars



FY10 - amounts, FY12 - amounts, FY13 - amounts, FY13 - amounts, FY14 - amounts, FY16 - amounts, FY16 - amounts, FY16 - amounts, FY17 - amounts, FY18 - amounts and FY19 - amounts for each Project Category. Color shows details about FY10 - amounts, FY11 - amounts, FY12 - amounts, FY13 - amounts, FY13 - amounts, FY13 - amounts, FY14 - amounts, FY16 -

Total C&G Expenditures

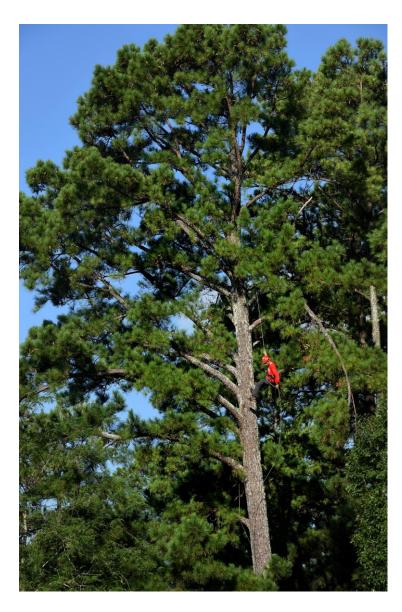




 ${\bf Expenditures.}\ {\bf The\ marks\ are\ labeled\ by\ Expenditures.}$

Goals for FY20

- Increase staff capacity to keep up with growing need
- Implement customized Service Now research service management system
- Create an effective CNR Research website
- Continue to increase diversity of CNR Research Portfolio
- Identify a few large, strategic funding opportunities to invest in, and build and support teams to go after them
- Re-vamp the Faculty Research Mentoring Program
- Increase participation in the Graduate Research Symposium



Extension

Spreading our knowledge throughout the state and the nation



Our programs

Forestry



Christmas Trees
Environmental
Stewardship
Forest Management
Environmental
Education

Tourism



Agritourism
Micro
entrepreneurship
Tourism Partnerships

Wood Products



Housing
Manufacturing &
Utilization
Markets and Furniture

"a comprehensive set of activities that are intended to bring about a sequence of outcomes among targeted clients"

Faces of Extension



Extension faculty and staff actively develop, deliver and evaluate extension programs, helping clientele to gain new skills and knowledge in order to improve their overall well-being.

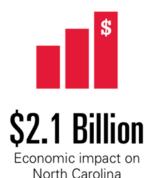
2018 Outcomes and Impacts...

- \$11.8 million in cost savings for participants in online training
- 55,300 live and on demand views through the forestry and natural resource webinar portal, earning 23,367+ CE credits
- 15,112 landowners, natural resource professionals, and others increased awareness and knowledge
- Trained 623 formal and non-formal educators in Project Learning Tree. A 13% increase form 2017
- \$34 billion in deferred property tax savings
- 31 federal managers increased awareness and knowledge related to climate adaptation planning and threats facing cultural resources

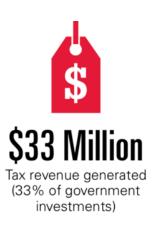
2018 Outcomes and Impacts...

- Partnered with 15 vacation realty companies to help coastal communities harness the economic force of tourism
- 23 seniors from the Southern Lee High School Academy certified through NC Hospitality and Pride program
- \$6.4 million economic impact through promoting the effective and correct utilization and smart processing of wood
- 40+ trained agents in the use of moisture meters; distributing meters to all 101 centers in response to recent natural disasters and flooding

Impact of NC State Extension in NC















Advancement Office

All College Meeting August 23, 2019





College Advancement

- Raise money from private sources, manage the collection of private gifts and thank donors for their philanthropic support.
- Provide strategic communications, internally and externally; Enhance the image of the College and our departments and programs
- Provide meaningful engagement opportunities for our alumni and friends, often in collaboration with the University Alumni Association
- Build and sustain a strong volunteer leadership network;
 NC State Natural Resources Foundation, Pulp and Paper Advisory Committee

NC STATE UNIVERSITY

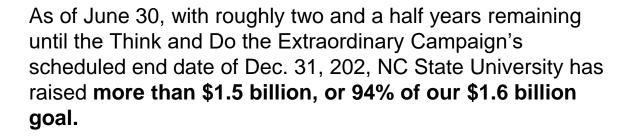
THINK AND DO THE EXTRAORDINARY



The Campaign for NC State

September 19, 2019







We have received **gifts from 87,000 extraordinary donors** representing all 100 counties in North Carolina, all 50 states and 66 countries. The impact of private support is far-reaching.

A few examples of what we've been able to accomplish include:

- More than 550 new scholarships and fellowships
- 81 new endowed faculty positions
- Named Wilson College of Textiles
- A gift to complete and restore the Memorial Belltower at Henry Square
- The naming of James T. Valvano Arena at William Neal Reynolds Coliseum
- The opening of the Gregg Museum of Art & Design
- Expansion of the Goodnight Scholars Program to include transfers from our state's community colleges
- Establishment of the Student Emergency Fund and Pack Meal Scholarships





As of June 30, the College of Natural Resources has raised **\$28.5M** towards our \$35M goal, 81% of our goal.

The Campaign for NC State

A few examples of campaign gifts for the College include:

- Jim Buzzard Endowment to support leadership development
- Phillips Family Leadership Incentive Award
- Shockley Scholarship Endowment (bequest) for ROTC and Veteran students
- Andritz simulator gift-in-kind for Paper Science Engineering
- Terry Student Assistance and Enrichment Fund
- Ecology/Wildlife Fund Undergraduate Scholarship and Graduate Fellowship
- John E. Masaschi Graduate Fellowship Endowment
- Thomas I. Hines Graduate Fellowship and Thomas Blair Hines Endowment for PRTM enrichment experiences
- Dr. Richard J. and Margaret M. Thomas Endowed Lecture in Natural Resources
- Porterfield Endowment for Zobel & Kellison Scholarships
- CNR Enhancement Fund



Leadership transition

Think and Do the Extraordinary campaign

Engagement

Increase presence as experts through communications



Think and Do The Extraordinary campaign

- Fundraising goal for FY20: Minimum of \$3.5M
- Develop Campaign Communications
- Improve Board engagement in campaign



Engagement

- Strengthen the College's culture of philanthropy
- Increase faculty/staff/student engagement with communications
- Continue to improve Natural Resources Foundation Board role as advocates for the College



Communications

- Increase coverage of our research impact
- Respond to timely issues by engaging faculty and staff experts
- Implement an integrated strategy across web and social media by proactively identifying editorial content

Questions?

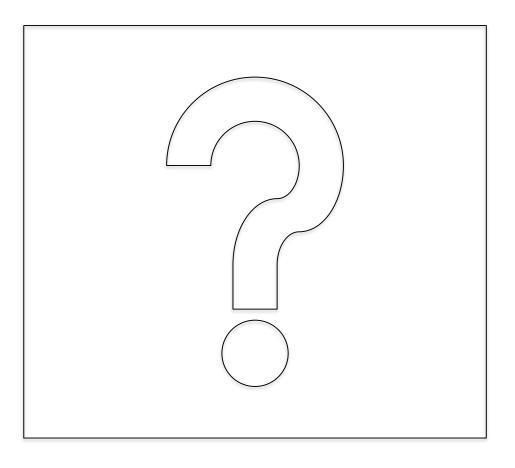
Facilities and IT

- Lighting project
- Classrooms
- Biltmore lobby
- Natural Resources

 Library (anticipated
 Fall 2020)



Budget Outlook



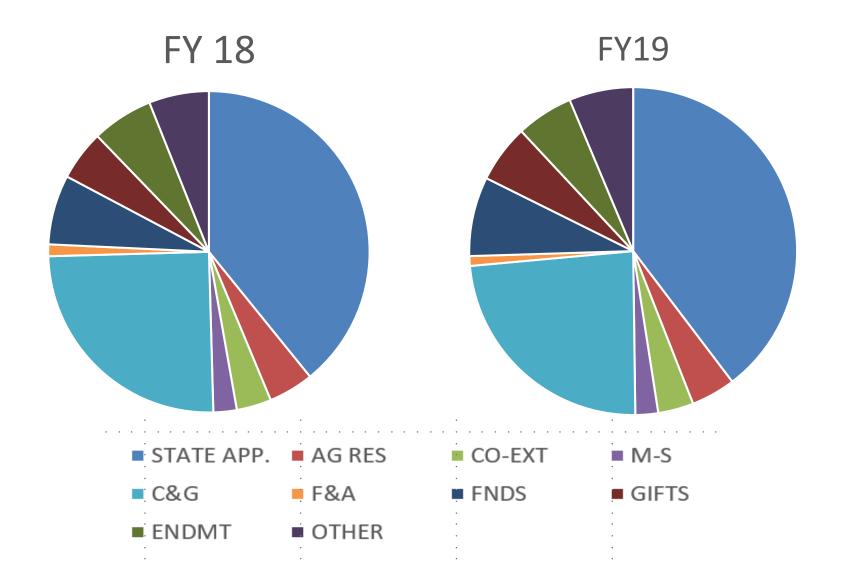
CNR Budget – FY19 Expenditures

Fund Type	Dean	CGA	PRTM	FB	FER	Total
State App. Academic	2,524,790	1,385,353	3,750,780	2,504,463	6,627,594	16,792,980
Agricultural Research	249,071	0	38,758	539,935	1,025,066	1,852,830
Cooperative Extension	12,615	0	126,683	428,425	915,506	1,483,229
McIntire-Stennis*	165,708	0	41,127	262,429	480,838	950,102
Contracts & Grants	89,385	1,031,206	1,464,131	2,255,861	5,216,387	10,056,970
F&A Receipts	243,023	18,756	23,137	38,428	84,737	408,081
Foundations	1,540,621	0	179,796	1,028,554	563,111	3,312,082
Gifts to NC State	179,843	93	23,749	384,388	1,832,230	2,420,303
Endowments++	1,199,500	33,996	171,188	303,278	670,397	2,378,359
Other ##	494,557	74,127	227,157	1,628,549	254,443	2,678,833
Totals	6,699,113	2,543,531	6,046,506	9,374,310	17,670,309	42,333,769

^{*}Actual Expenditures for Federal FY18

⁺⁺ Endowments includes Timber Deed proceeds
Other includes Service Centers, Fees and other Receipts

CNR Expenditures: FY18 and FY19



Critical Investments

- Nearly \$1 million in faculty start-up (FY18)
- Associate Dean for Diversity & Inclusion
- About \$120,000 in facility improvements
- Over \$120,000 in experiential learning



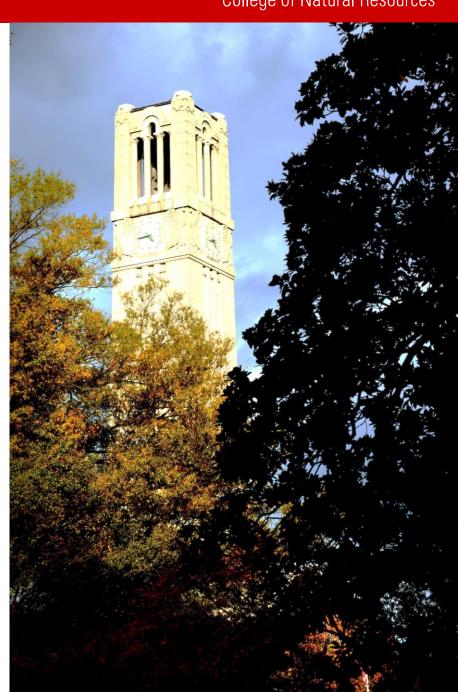
Budget Outlook

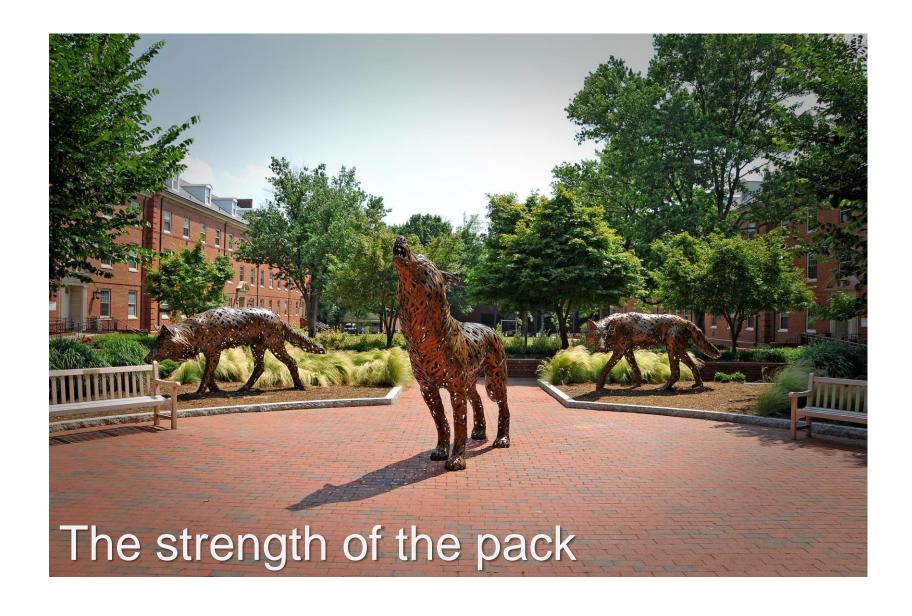
- State appropriations should be stable
- Increased income from forest assets
- Anticipating annual raise process



Priorities AY19-20

- Interim Associate Dean for Diversity and Inclusion
- Study of business services
- Ideas for the university strategic plan
- Preliminary strategic themes





Q&A

