

December 2019 Graduate Future Plans Survey College of Natural Resources Summary Report

This report presents summary results from the December 2019 Graduate Future Plans Survey for departments and types of degree programs in the College of Natural Resources, followed by summary information on employment and further education for the college as a whole.

Highlights for the College of Natural Resources

- 73% of the doctoral and master's students in CNR graduating in fall 2019 responded to the survey
- 86% of doctoral respondents and 82% of master's respondents in CNR report that they have secured full-time employment for the coming year
- CNR graduates with full-time employment report an average salary in the coming year of \$61,333 (median = \$50,000)
- 57% of CNR graduates with full-time employment will be working in North Carolina (32% in the Research Triangle Area)
- 12% of master's students in CNR report that they plan to return to graduate/professional school in the coming year
- 50% of master's students in CNR with definite plans to graduate/professional school will be attending a school in North Carolina

Department Summaries

The following tables provide summary statistics for December 2019 graduates in the College of Natural Resources. Table 1 includes the number of graduate students in the College of Natural Resources who graduated in December 2019 and the number of those students who submitted the Graduate Future Plans Survey. It also includes the number of students who indicated at the time of the survey that they would be working full-time, as well as the number of those who indicated they were either pursuing or planning to pursue another graduate or professional degree in the coming year. Finally, it includes summary statistics on the self-reported salaries of those who reported that they would be employed full-time. Table 2 and Table 3 provide the same summary statistics for December 2019 graduates in each department in the College of Natural Resources, for doctoral graduates and master's graduates, respectively.

Table 1: College Summary

College	Survey Population	Survey Respondents	Response Rate	N Full Time Job	N Grad/Prof School*	25th Percentile Salary	Median Salary	75th Percentile Salary	Average Salary	N Reporting Salary
CNR Overall	55	40	73%	33	4	42,500	50,000	82,500	61,333	30

Table 2: Department Summaries, Doctoral Degree Recipients

Department	Survey Population	Survey Respondents	Response Rate	N Full Time Job	N Grad/Prof School*	25th Percentile Salary	Median Salary	75th Percentile Salary	Average Salary	N Reporting Salary
Forest Biomaterials	7	5	71%	5	.	42,500	97,500	97,500	79,500	5
Forestry and Environmental Resources	1	1	100%	1	.	**	**	**	**	1
Parks, Recreation and Tourism Management	1	1	100%	.	.	**	**	**	**	.
CNR Doctoral Degree Recipients Overall	9	7	78%	6	.	42,500	90,000	97,500	80,000	6

*Includes all students planning on going to graduate/professional school in the coming year for another degree, including those who were currently enrolled as of the time of the survey or who have been accepted to graduate/professional school and know where they will be going, as well as those who have been accepted to at least one school but have not yet finalized their plans, those who have applied but have not yet been accepted, and those who have not yet applied but plan to do so.

**Statistics on salary information for those departments with fewer than 4 respondents reporting their salary have been excluded from the table.

Table 3: Department Summaries, Master's Degree Recipients

Department	Survey Population	Survey Respondents	Response Rate	N Full Time Job	N Grad/Prof School*	25th Percentile Salary	Median Salary	75th Percentile Salary	Average Salary	N Reporting Salary
Forest Biomaterials	2	1	50%	1	.	**	**	**	**	.
Forestry and Environmental Resources	12	9	75%	8	1	20,000	37,500	47,500	37,500	7
Parks, Recreation and Tourism Management	32	23	72%	18	3	47,500	62,500	72,500	64,559	17
CNR Master's Degree Recipients Overall	46	33	72%	27	4	40,000	47,500	70,000	56,667	24

*Includes all students planning on going to graduate/professional school in the coming year for another degree, including those who were currently enrolled as of the time of the survey or who have been accepted to graduate/professional school and know where they will be going, as well as those who have been accepted to at least one school but have not yet finalized their plans, those who have applied but have not yet been accepted, and those who have not yet applied but plan to do so.

**Statistics on salary information for those departments with fewer than 4 respondents reporting their salary have been excluded from the table.

Full-Time Employment (college overall)

Table 4: Name of Company/Organization, Doctoral Degree Recipients

	N
Enviva Biomass	1
Kemira	1
Mars Wrigley	1
Next Century Spirits	1
Tethis	1
University of Missouri / NC State University	1

Table 5: Name of Company/Organization, Master's Degree Recipients

	N
ARCADIS	1
Alliance for Aquatic Resource Monitoring (ALLARM) - Dickinson College	1
Bayer	1
Center for International Forestry Research	1
Centerstone	1
City of Durham	1
City of Glenwood Springs	1
Cornell Cooperative Extension	1
Denver Department of Public Health & Environment	1
Department of Justice	1
Discovery Place Kids	1
Ministry of Environment and Forestry, Republic of Indonesia	1
NC State University	1
North Carolina Natural Heritage Program	1

Table 5: Name of Company/Organization, Master's Degree Recipients, *continued*

	N
Onslow County Parks and Recreation Department	1
South Carolina Department of Health and Environmental Control	1
State Univeristy of New York	1
The ERM Group, Inc.	1
Town Of Mooresville Parks & Recreation Department	1
Town of Holly Springs	1
Town of Morehead City	1
US Army Engineer Research Development Center	1
United States Army	1
University of Oklahoma	1

Table 6: Location of Company (state), Doctoral Degree Recipients

	N	%
North Carolina	4	67%
Georgia	1	17%
Illinois	1	17%

Table 7: Location of Company (state), Master's Degree Recipients

	N	%
North Carolina	13	54%
Tennessee	2	8%
Colorado	2	8%
New York	2	8%
Pennsylvania	1	4%
District of Columbia	1	4%
South Carolina	1	4%
Oklahoma	1	4%
Not sure	1	4%

Table 8: Region of Company (inside/outside NC Triangle), Doctoral Degree Recipients

	N	%
Triangle	4	67%
Other NC	.	0%
Outside NC	2	33%

Table 9: Region of Company (inside/outside NC Triangle), Master's Degree Recipients

	N	%
Triangle	6	24%
Other NC	6	24%
Outside NC	13	52%

Table 10: Job Title, Doctoral Degree Recipients

	N
Intern	1
Postdoctoral Scholar	1
R&D Intern	1
Research Scientist	1
Senior Engineer	1
Wood Science Process Engineer	1

Table 11: Job Title, Master's Degree Recipients

	N
Agricultural Stewardship Technician	1
Analyst	1
Army Intelligence Officer	1
Asset Management GIS Coordinator	1
Assistant Director	1
Assistant Director of Operations	1
Associate Director of Development	1
Community Engagement Coordinator, Air Quality	1
Data Analyst	1
Director of Operations	1
Director of Planning & Inspections	1
Environmental Health Manager	1
GIS Analyst	1
GIS Consultant I	1
GIS Specialist	1

Table 11: Job Title, Master's Degree Recipients, *continued*

	N
Grant Specialist	1
Manager	1
PhD Student / Graduate Assistant	1
Recreation Center Supervisor	1
Recreation Supervisor	1
Regulatory Manager	1
Research Consultant	1
Research Physical Scientist	1
Wildlife Data Manager	1

Table 12: Resources Used to Help Get/Locate Job, by Degree Received*

	CNR Overall		Doctoral		Masters	
	N	%	N	%	N	%
NC State faculty member	12	55%	5	83%	7	44%
Personal/professional connection(s) within the company	7	32%	2	33%	5	31%
Internet: LinkedIn	5	23%	1	17%	4	25%
Internet (Other)	5	23%	0	0%	5	31%
Internship/externship	3	14%	0	0%	3	19%
Volunteer work	3	14%	0	0%	3	19%
Optional Practical Training (OPT)	2	9%	2	33%	0	0%
Student teaching experience	2	9%	0	0%	2	13%
Professional association (members, conferences, publications, etc.)	2	9%	0	0%	2	13%
Staffing agency	2	9%	0	0%	2	13%
Campus or college career center	1	5%	1	17%	0	0%
Consultation w/ NCSU Career Counselor/Coach	1	5%	0	0%	1	6%
Co-op experience	1	5%	0	0%	1	6%
Family/friends/classmates/co-workers	1	5%	0	0%	1	6%
Applied for job via ePACK	.	.	0	0%	0	0%
Employer found resume on ePACK	.	.	0	0%	0	0%
On-campus interviewing	.	.	0	0%	0	0%
Career fair at NC State	.	.	0	0%	0	0%
Career fair off campus	.	.	0	0%	0	0%
Employer info session on campus	.	.	0	0%	0	0%
Clinical placement	.	.	0	0%	0	0%
Other	2	9%	1	17%	1	6%

*Respondents could select more than one resource.

**Question was asked of those who indicated they would be employed full-time in a position they had obtained during their graduate program or at the time of graduation (i.e., excluding those who said they would be employed in a position they had obtained prior to beginning their graduate program).

Further Education (college overall)

Table 13: Status for Further Graduate/Professional School Attendance, Master's Degree Recipients (among those planning to attend)

	N	%
Am already enrolled and pursuing the degree	2	50%
Have been accepted and know where I'm going	.	0%
Have been accepted but undecided	.	0%
Have applied, but not yet been accepted	.	0%
Have not applied but plan to do so within the next year	2	50%

Information provided in the tables below is collected and reported only for respondents who indicated that at the time of the survey they had been accepted to graduate/professional school to pursue another degree and were currently enrolled or knew where they would be going.

Table 14: Name of Graduate/Professional School Students Will be Attending, Master's Degree Recipients

	N
NC State University	1
SUNY College of Environmental Science and Forestry	1

Table 15: Location of Graduate/Professional School Students Will be Attending, Master's Degree Recipients

	N	%
North Carolina	1	50%
New York	1	50%

Table 16: Type of Degree Pursuing, Master's Degree Recipients

	N	%
Master's	0	0%
Doctoral	2	100%
Professional	0	0%
Other	0	0%

*Respondents could select more than one degree

Table 17: Doctoral Degree Pursuing, Master's Degree Recipients

	N
PhD	2

Table 18: Academic Program, Master's Recipients*

	N
Forestry and Environmental Resources	1
PhD in Fisheries and Wildlife Management	1

*Academic program has not been cleaned. Responses are verbatim.

For more information on the Graduate Future Plans Survey contact:

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