

December 2018 Graduate Future Plans Survey College of Natural Resources Summary Report

This report presents summary results from the December 2018 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

- 83% of the doctoral and master's students in CNR graduating in fall 2018 responded to the survey
- 100% of doctoral respondents and 43% 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 \$59,063 (median = \$57,500)
- 53% of CNR graduates with full-time employment will be working in North Carolina (47% in the Research Triangle Area)
- 14% of master's students in CNR report that they plan to return to graduate/professional school in the coming year
- 100% 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 2018 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 2018 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 2018 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	40	33	83%	17	4	47,500	57,500	65,000	59,063	16

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	2	1	50%	1	.	**	**	**	**	1
Forestry and Environmental Resources	4	4	100%	4	.	**	**	**	**	3
CNR Doctoral Degree Recipients Overall	6	5	83%	5	.	52,500	57,500	60,000	56,250	4

*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	2	100%	.	1	**	**	**	**	.
Forestry and Environmental Resources	8	4	50%	2	.	**	**	**	**	2
Parks, Recreation and Tourism Management	24	22	92%	10	3	47,500	57,500	67,500	60,500	10
CNR Master's Degree Recipients Overall	34	28	82%	12	4	47,500	57,500	67,500	60,000	12

*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
Center for Geospatial Analytics	1
Instituto Tecnológico de Costa Rica	1
NC State University	3

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

	N
Brazoria County TX, Department of Engineers	1
Department of Homeland Security	1
Duke University	1
ERM	1
East Durham Children's Initiative	1
GEI Consultants	1
McKim&Creed	1
Plexus Scientific Corporation	1
UNC Chapel Hill	1
US Air Force	1
Wadelynn Geospatial	1
Weyerhaeuser	1

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

	N	%
North Carolina	3	75%
Oregon	1	25%

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

	N	%
North Carolina	5	45%
Texas	1	9%
District of Columbia	1	9%
Georgia	1	9%
New York	1	9%
Virginia	1	9%
Arkansas	1	9%

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

	N	%
Triangle	3	60%
Other NC	.	0%
Outside NC	2	40%

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

	N	%
Triangle	5	42%
Other NC	.	0%
Outside NC	7	58%

Table 10: Job Title, Doctoral Degree Recipients

	N
Postdoctoral Fellow	2
Postdoctoral Research Scholar	2
Professor	1

Table 11: Job Title, Master's Degree Recipients

	N
All-Source Intelligence Requirements Manager	1
Assistant Manager for Conference and Event Services	1
Associate Scientist	1
Data & GIS Analyst	1
Ecologist	1
Environmental Research Assistant	1
GIS Specialist	1
Geospatial Technician	1
LiDAR Tech III	1
Research Coordinator	1
Weather Officer	1
Youth Health Project Coordinator	1

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

	CNR Overall		Doctoral		Master's	
	N	%	N	%	N	%
NC State faculty member	4	36%	2	67%	2	25%
Internet (Other)	4	36%	0	0%	4	50%
Personal/professional connection(s) within the company	2	18%	2	67%	0	0%
Family/friends/classmates/co-workers	2	18%	2	67%	0	0%
Co-op experience	1	9%	0	0%	1	13%
Volunteer work	1	9%	1	33%	0	0%
Professional association (members, conferences, publications, etc.)	1	9%	1	33%	0	0%
Internet: LinkedIn	1	9%	0	0%	1	13%

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

	CNR Overall		Doctoral		Master's	
	N	%	N	N	%	N
Campus or college career center	.	.	0	0%	0	0%
Consultation w/ NCSU Career Counselor/Coach	.	.	0	0%	0	0%
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%
Internship/externship	.	.	0	0%	0	0%
Optional Practical Training (OPT)	.	.	0	0%	0	0%
Student teaching experience	.	.	0	0%	0	0%
Clinical placement	.	.	0	0%	0	0%
Staffing agency	.	.	0	0%	0	0%
Other	2	18%	0	0%	2	25%

*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	1	25%
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	3	75%

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

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

	N	%
North Carolina	1	100%

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

	N	%
Master's	0	0%
Doctoral	1	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	1

Table 18: Academic Program, Master's Recipients*

	N
Forest Biomaterials	1

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

For more information on the Graduate Future Plans Survey contact:

Suzanne Crockett, Assistant Director for Survey Research
Office of Institutional Research and Planning
NCSU Box 7002
Phone: (919) 515-6438
Email: sacrocke@ncsu.edu