

May 2018 Graduate Future Plans Survey College of Agriculture and Life Sciences Summary Report

This report presents summary results from the May 2018 Graduate Future Plans Survey for departments and types of degree programs in the College of Agriculture and Life Sciences, followed by summary information on employment and further education for the college as a whole.

Highlights for the College of Agriculture and Life Sciences

- 56% of the doctoral and master's students in CALS graduating in May 2018 responded to the survey
- 83% of doctoral respondents and 39% of master's respondents in CALS report that they have secured full-time employment for the coming year
- CALS graduates with full-time employment (excluding internships) report an average salary in the coming year of \$56,500 (median = \$52,500)
- 71% of CALS graduates with full-time employment will be working in North Carolina (49% in the Research Triangle Area)
- 44% of master's students in CALS report that they plan to return to graduate/professional school in the coming year
- 71% of master's students in CALS with definite plans to graduate/professional school will be attending a school in North Carolina

Department Summaries

The following two tables provide summary statistics for May 2018 graduates in the College of Agriculture and Life Sciences. Table 1 includes the number of graduate students in each department in the College of Agriculture and Life Sciences who graduated in May 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 provides the same summary statistics for May 2018 graduates in the College of Agriculture and Life Sciences by the type of degree program from which they graduated (i.e., doctoral and master's).

Table 1: Department Summaries

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
Agricultural and Human Sciences	9	8	89%	6	2	32,500	35,000	42,500	40,833	6
Agricultural and Resource Economics	4	1	25%	.	.	**	**	**	**	.
Animal Science	10	4	40%	2	.	**	**	**	**	2
Applied Ecology	2	2	100%	2	.	**	**	**	**	2
Biological and Agricultural Engineering	6	4	67%	3	1	**	**	**	**	3
Crop and Soil Science	10	6	60%	5	.	52,500	52,500	102,500	73,500	5
Entomology and Plant Pathology	5	1	20%	.	.	**	**	**	**	.
Food, Bioprocessing, and Nutrition Sciences	24	15	63%	11	.	52,500	62,500	77,500	62,500	11
Horticultural Science	4	2	50%	2	.	**	**	**	**	2
Molecular and Structural Biochemistry	5	3	60%	1	2	**	**	**	**	1
Plant and Microbial Biology	17	13	77%	6	6	42,500	47,500	62,500	51,000	5
Prestage Dept of Poultry Science	61	29	48%	4	20	**	**	**	**	3
CALS Overall	157	88	56%	42	31	42,500	52,500	65,000	56,500	40

*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 2: Degree Summaries

Degree	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
Doctoral	25	18	72%	15	.	52,500	67,500	82,500	69,500	15
Master's	132	70	53%	27	31	37,500	47,500	57,500	48,700	25
CALS Overall	157	88	56%	42	31	42,500	52,500	65,000	56,500	40

*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.

Full-Time Employment (college overall)

Table 3: Name of Company/Organization, Doctoral Degree Recipients

	N
AgBiome	1
FMC Corporation	1
Louisiana Universities Marine Consortium	1
NC State University	7
SinnovaTek	1
Standard Process Inc.	1
University of Arkansas	1
Winthrop University	1

Table 4: Name of Company/Organization, Master's Degree Recipients

	N
Alcami Corporation	1
Appletree	1
Catawba County Cooperative Extension	1
Country View Family Farms	1
Duke Health	1

Table 4: Name of Company/Organization, Master's Degree Recipients, *continued*

	N
EasterSeals USP	1
Food and Drug Administration	1
Golding Farms Foods Inc	1
IMR	1
Isothermal Community College	1
NC Farm Bureau Federation	1
NC State University	1
Novo Nordisk	1
Novozymes	1
ORISE	1
Redox Tech	1
Scitovation	1
TG Therapeutics	1
Takasago	1
The EADS Group	1
Timmons Group	1
Town of Clayton	1
Triangle Implant Center	1
Tyson	1
UNC School of Medicine	1
Virginia Department of Conservation and Recreation	1

Table 5: Location of Company (state), Doctoral Degree Recipients

	N	%
North Carolina	10	67%
Tennessee	1	7%
Nebraska	1	7%
Louisiana	1	7%
Arkansas	1	7%
South Carolina	1	7%

Table 6: Location of Company (state), Master's Degree Recipients

	N	%
North Carolina	20	74%
Virginia	2	7%
Pennsylvania	2	7%
Kentucky	1	4%
Maryland	1	4%
New Jersey	1	4%

Table 7: Region of Company (inside/outside NC Triangle), Doctoral Degree Recipients

	N	%
Triangle	9	60%
Other NC	1	7%
Outside NC	5	33%

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

	N	%
Triangle	11	42%
Other NC	8	31%
Outside NC	7	27%

Table 9: Job Title, Doctoral Degree Recipients

	N
Assistant Professor	2
Food Technologist	1
Lecturer	1
Nutrition Scientist	1
Postdoc Research Associate	1
Postdoctoral Research Scholar	2
Postdoctoral Researcher	1
Research Health Scientist	1
Research Scientist	1
Scientist	1
Senior Scientist	1
Technical Service Manager	1

Table 10: Job Title, Master's Degree Recipients

	N
Assistant Director	1
Autism Technician	1
CRM & Market Intelligence Analyst	1
Clinical Trials auditor	1
Consumer Insight and Market Research Analyst	1
Consumer Safety Officer	1
Data Technician	1
Dietetic Technician	1
Director of Engineering & Inspections	1
Field Services Program Assistant	1
Food Technologist	1
Horticulture Educator	1

Table 10: Job Title, Master's Degree Recipients, *continued*

	N
Intern	1
Nutrient Management Specialist	1
Operations Associate	1
Production Analyst	1
Project Engineer I	1
Project Manager	1
QA Director	1
Research Fellow	1
Research Technician	1
Scientist	1
Supplemental Instruction Coordinator	1
Supply Chain Logistics Intern	1
Surgical Assistant	1
Technician	1

Table 11: Resources Used to Help Get/Locate Job, by Degree Received*

	CALS Overall		Doctoral		Master's	
	N	%	N	%	N	%
NC State faculty member	14	33%	8	53%	6	22%
Family/friends/classmates/co-workers	9	21%	3	20%	6	22%
Personal/professional connection(s) within the company	7	17%	4	27%	3	11%
Internet: LinkedIn	7	17%	2	13%	5	19%
Career fair at NC State	6	14%	1	7%	5	19%
Applied for job via ePACK	5	12%	0	0%	5	19%
Internship/externship	5	12%	1	7%	4	15%
Internet (Other)	4	10%	1	7%	3	11%
Campus or college career center	3	7%	2	13%	1	4%
Career fair off campus	3	7%	0	0%	3	11%
Volunteer work	3	7%	2	13%	1	4%
Professional association (members, conferences, publications, etc.)	3	7%	2	13%	1	4%
On-campus interviewing	2	5%	0	0%	2	7%
Optional Practical Training (OPT)	2	5%	1	7%	1	4%
Consultation w/ NCSU Career Counselor/Coach	1	2%	1	7%	0	0%
Employer info session on campus	1	2%	0	0%	1	4%
Staffing agency	1	2%	0	0%	1	4%
Employer found resume on ePACK	0	0%	0	0%	0	0%
Co-op experience	0	0%	0	0%	0	0%
Student teaching experience	0	0%	0	0%	0	0%
Clinical placement	0	0%	0	0%	0	0%
Other	2	5%	2	13%	0	0%

*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 graduation program).

Further Education (college overall)

Table 12: Status for Further Graduate/Professional School Attendance, Master's Degree Recipients (among those planning to

	N	%
Am already enrolled and pursuing the degree	4	13%
Have been accepted and know where I'm going	13	42%
Have been accepted but undecided	1	3%
Have applied, but not yet been accepted	.	0%
Have not applied but plan to do so within the next year	13	42%

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 13: Name of Graduate/Professional School Students will be Attending, Master's Degree Recipients

	N
Capella University	1
East Carolina University	1
Emory University	1
Methodist University	1
NC State University	7
Sidney Kimmel Medical College at Thomas Jefferson University	1
UNC Chapel Hill	3
University of South Carolina School of Medicine	1
Usciences Philadelphia	1

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

	N	%
North Carolina	12	71%
Pennsylvania	2	12%
Missouri	1	6%
Georgia	1	6%
South Carolina	1	6%

*Respondents could select more than one degree.

Table 15: Type of Degree Pursuing, Master's Degree Recipients*

	N	%
Master's	7	41%
Doctoral	4	24%
Professional	6	35%
Other	0	0%

*Respondents could select more than one degree.

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

	N
MBA	4
MMSc	2
MPA	1

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

	N
PhD	4

Table 18: Professional Degree Pursuing, Master's Degree Recipients

	N
DDS	2
DPT	1
MD	3

Table 19: Academic Program, Master's Recipients*

	N
Anesthesia assistance	1
DDS	1
Dentistry	1
Doctorate of Medicine	1
Human Disciplinary Studies	1
MBA	2
MD program	1
Master of Business Administration	1
Master of Physician Assistant	1
Masters of Public Administration	1
Medical Degree (M.D.)	1
PCOM - Jenkins MBA	1
Ph.D. (Biochemistry)	1
Pharmaceutical Outcomes & Policy	1
Physical Therapy	1
Poultry science	1

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

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