

## **May 2019 Undergraduate Future Plans Survey College of Agriculture and Life Sciences Summary Report**

This report presents summary results from the May 2019 Undergraduate Future Plans Survey for departments 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**

- 54% of seniors in CALS graduating in spring 2019 responded to the survey
- 48% of respondents in CALS said they had obtained a full-time position by graduation
- CALS graduates with full-time employment (excluding internships) reported an average starting salary of \$42,298 (median = \$41,250)
- 85% of CALS graduates with full-time employment said they would be working in North Carolina (65% in the Research Triangle Area)
- 33% of respondents in CALS indicated they were planning to go to graduate/professional school in the year after graduation
- 77% of CALS graduates with definite plans for graduate/professional school said they would be attending a school in North Carolina

## Department Summaries

The following table provides summary statistics for May 2019 graduates in each of the College of Agriculture and Life Sciences departments. It includes the number of students in the department who graduated in May 2019 and the number of those students who submitted the Undergraduate Future Plans Survey. It also includes the number of students who indicated that at the time of the survey they had already accepted a full-time position (including military and volunteer work [e.g., Peace Corps]), and the number who indicated they were either attending or planning on attending graduate or professional school in the coming year. Finally, it includes summary statistics on the self-reported salaries of those having accepted full-time employment.

**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	28	20	71.4%	11	3	41,250	43,750	46,250	43,068	11
Agricultural and Resource Economics	73	31	42.5%	24	3	38,750	46,250	53,750	45,815	23
Animal Science	92	56	60.9%	17	26	18,750	28,750	37,500	27,656	16
Biological and Agricultural Engineering	37	20	54.1%	11	5	51,250	53,750	56,250	54,432	11
Crop and Soil Science	16	11	68.8%	8	3	38,750	41,250	51,250	47,321	7
Food, Bioprocessing, and Nutrition Sciences	58	34	58.6%	15	12	38,750	43,750	58,750	46,442	13
Horticultural Science	11	3	27.3%	2	1	**	**	**	**	2
Molecular and Structural Biochemistry	40	23	57.5%	8	10	28,750	35,000	38,750	37,500	8
Plant and Microbial Biology	11	3	27.3%	2	.	**	**	**	**	2
Prestage Dept of Poultry Science	13	5	38.5%	.	5	**	**	**	**	.
<b>CALS Overall</b>	<b>379</b>	<b>206</b>	<b>54.4%</b>	<b>98</b>	<b>68</b>	<b>36,250</b>	<b>41,250</b>	<b>51,250</b>	<b>42,298</b>	<b>93</b>

\*Includes all students planning on going to graduate/professional school in the coming year, including those 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 2: Name of Company/Organization**

	N
Alight Solutions	1
Austin Grading & Farm Service, Inc.	1
AveXis	1
BASF	1
Baker Roofing	1
Banfield Pet Hospital	1
Bartlett Tree Experts	1
Biogen	2
Blue Pearl	1
Brady-Trane	1
Broadreach	1
Burleson Research Technologies	1
Burt's Bees	1
Butterball, LLC	1
Carolina Ingredients	1
Carolina Partners	1
Cassaday Farms LLC	1
Center for Environmental Farming Systems	1
Chesterfield County Utilities	1
Collin's Produce LLC.	1
Custom Controls Unlimited	1
Cuthbertson High School	1
Duke	1

**Table 2: Name of Company/Organization, continued**

	N
Duke Human Vaccine Institute	1
Duke University	1
Duplin Winery	1
EGA Farms	1
East Carolina Metal Treating, Inc	1
Farm Bureau	1
Freese and Nichols Inc	1
Fresh Start Produce, LLC	1
Glanbia Performance Nutrition	1
Greenview Partners	1
Gregory Poole Equipment Company	1
GulfStream Produce	1
HM Clause	1
Holly Springs Veterinary Hospital	1
Ironbox	1
JAKS Stables LLC	1
Jollity Farm Goat Dairy	1
Kris Bass Engineering	1
Kymanox	1
Lonerider Brewing Company	1
Lynn Thomas Grading Inc.	1
MEDIQ Urgent Care	1
Marcus Center for Cellular Cures at Duke University School of Medicine	1
Medicago, INC	1

**Table 2: Name of Company/Organization, *continued***

	N
Merck	1
MetLife	1
Metrolina Greenhouses	1
Momentum Research	1
Montague Development	1
NC DMV	1
NC Public Schools	1
NC State University	5
NIH	1
NTT Data Services	1
Nutrien Ag Solutions	1
Old North State Landscaping	1
Oral and Maxillofacial Surgery Associates	1
Palm Beach Country Club	1
Pfizer	1
Powered Research	1
Public Schools of Robeson County	1
Raftelis	1
Revels Turf and Tractor	1
Rollins Diagnostic Lab	1
S.P.E.C. Contracting	1
SRG Woolf Group	1
Schoolhouse of Wonder	1
Senator Thom Tillis	1
Sequence	1

**Table 2: Name of Company/Organization, *continued***

	N
Smithfield	1
Soil and Material Engineering	1
Southern Dermatology	1
Summit Industrial Contractors	1
TKXS	2
Target PharmaSolutions	1
Teach for America	1
The Climate Corporation	1
UNC Chapel Hill	2
Veterinary Specialty Hospital	1
Victory Brewing Company	1
WEP Clinical	1
Wake County Public School System	2
Wildlands Engineering	1
e-Emphasys	1

**Table 3: Location of Company (state)**

	N	%
North Carolina	82	85.4
Florida	3	3.1
District of Columbia	2	2.1
California	1	1.0
Georgia	1	1.0
New Jersey	1	1.0
Pennsylvania	1	1.0
South Carolina	1	1.0
Texas	1	1.0
Virginia	1	1.0
Not applicable - Other	1	1.0
Not sure	1	1.0

**Table 4: Region of Company (inside/outside NC Triangle)**

	N	%
Triangle	59	64.8
Other NC	19	20.9
Outside NC	13	14.3

**Table 5: Job Title**

	N
Agricultural Education	1
Agriculture Teacher	4
Animal Research Technician	1
Assistant Enhancement Field Manager	1
Assistant Golf Course Superintendent	1
Assistant Grower	1
Assistant Project Manager	2
Assistant Vice President of Operations	1
Associate Process Engineer	1
Bioprocess Engineer	1
Brewer	1
Business Analyst	1
Business Development Support Specialist	1
Camp Counselor	1
Clinical Data Abstractor	1
Clinical Trials Assistant	1
Consultant	1
Crop Consultant	1
Customer Operations Coordinator	2
Design Engineer	1
ER Nurse	1
ERP Business Consultant	1
Ecological Engineer	1
Ecommerce Analyst	1
Emergency Assistant II	1



**Table 5: Job Title, *continued***

	N
Engineer II	1
Engineering Technician	1
Farm Hand	1
Farmer	1
Farmers' Selling Agent	1
Field Research Technician	1
GMP Manufacturing Technician	1
Graduate Student	1
High School Math Teacher	1
Insurance Agent	1
Intake Specialist	1
LAR Animal Care Technician	1
Management Development Program Member	1
Manager	1
Manufacturing Associate	1
Manufacturing Associate II	1
Manufacturing Systems & Compliance Specialist	1
Mechanical Engineer	1
Medical Assistant	2
Microbiologist	1
Necropsy Technician	1
Operations Specialist I	1
Owner	2
Paralegal	1
Plant Healthcare Specialist	1
Process Development Specialist	1

**Table 5: Job Title, *continued***

	N
Process Engineer	1
Production Brewer	1
Production Manager Trainee	1
Production Worker	1
Professional Development Program Member	1
Program Assistant	1
R&D Intern	1
R&D Technologist	1
Recruiting Support Specialist	1
Research Assistant	2
Research Associate	1
Research Technician	2
Research Technician I	2
Research Technician II	2
Senior Engineer	1
Service Analyst	1
Service Salesman	1
Shipping/Receiving/Customer Service Representative	1
Staff Assistant	1
Stormwater Consultant	1
Technical Project Assistant	1
Temporary Research Technician	1
Universities Sales Manager	1
Veterinary Assistant	2
Washington County Extension Agent (Field Crops)	1
Water Resources Designer	1

**Table 5: Job Title, continued**

	N
Wilderness Instructor	1
Workday Specialist	1

**Table 6: Resources Used to Help Get/Locate Job\***

	N	%
Internship/externship	26	26.5
Family/friends/classmates/co-workers	24	24.5
Personal connection(s) within the company	18	18.4
LinkedIn	18	18.4
Career fair at NC State	15	15.3
Campus or college career center	14	14.3
Internet: Other	14	14.3
Faculty member or found job listing in an NC State dept	13	13.3
Applied for job via ePack	12	12.2
Consultation with NC State Career Counselor/Coach	7	7.1
Student teaching experience	6	6.1
Volunteer work	6	6.1
On-campus interviewing	5	5.1
Professional society	5	5.1
Staffing agency	4	4.1
Career fair off campus	3	3.1
Employer info session on campus	3	3.1
Co-op experience	2	2.0
Employer found resume on ePack	1	1.0
Other	3	3.1

\*Respondents could select more than one resource.

## Further Education (college overall)

**Table 7: Status for Graduate/Professional School Attendance (among those planning to attend)**

	N	%
Have been accepted and know where I'm going	47	69.1
Have been accepted but undecided	4	5.9
Have applied, but not yet been accepted	8	11.8
Have not applied but plan to do so within the next year	9	13.2

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 and knew where they would be going.

**Table 8: Name of Graduate/Professional School Students will be Attending**

	N
Binghamton School of Pharmacy and Pharmaceutical Sciences	1
Campbell University	2
Central Carolina Community College	1
Duke University	1
East Carolina University	2
Meredith College	1
NC State University	23
PCOM (South Georgia)	1
Pennsylvania State University	1
Southern College of Optometry	1
Southern Theological Baptist Seminary	1
UC Davis	1
UNC Chapel Hill	6
University of Arkansas	1

**Table 8: Name of Graduate/Professional School Students will be Attending, *continued***

	N
University of Georgia	1
University of Missouri	1
Vanderbilt University	1
West Virginia University	1

**Table 9: Location of Graduate/Professional School Students will be Attending**

	N	%
North Carolina	36	76.6
Georgia	2	4.3
Tennessee	2	4.3
Arkansas	1	2.1
California	1	2.1
Kentucky	1	2.1
Missouri	1	2.1
New York	1	2.1
Pennsylvania	1	2.1
West Virginia	1	2.1

**Table 10: Type of Degree Pursuing\***

	N	%
Master's	23	48.9
Doctoral	4	8.5
Professional	19	40.4
Other	2	4.3

\*Respondents could select more than one degree.

**Table 11: Master's Degree**

	N
MA	1
MAC	1
MAEE	1
MAEd	2
MAS	1
MDiv	1
MMB	1
MOP	1
MR	2
MS	12

**Table 12: Doctoral Degree**

	N
PhD	4

**Table 13: Professional Degree**

	N
DO	2
DPT	2
DVM	8
MD	2
OD	1
PA	1
PharmD	3

**Table 14: Other Degree**

	N
Associates	1
BSN	1

**Table 15: Academic Program\***

	N
Agricultural Education and Extension	1
Agricultural Extension and Education	1
Animal Physiology	1
Animal Science	1
Animal Science Quantitative Genetics and Breeding	1
Animal and Poultry Science	1
Biological and Agricultural Engineering	5
CVM	1
College of Veterinary Medicine	2
Crop Science	3
Doctor of Medicine	1
Doctor of Osteopathic Medicine	2
Doctor of Physical Therapy	1
Doctorate of Veterinary Medicine	1
Food Science	1
Horticulture	1
M.Ed in Recreation and Sport Management	1
MD	1
MS Global Health	1
MS: Nutrition	1

**Table 15: Academic Program\*, continued**

	N
Master of Accounting	1
Master of Physiology	1
Masters	1
Masters of Microbial Biotechnology	1
Nursing	1
Optometry	1
P1 year of pharmacy school	1
Pastoral Ministries	1
PharmD program	1
Pharmacy	1
Physical therapy	1
Physician Assistant program	1
Poultry Science	1
Quantative and physical chemical biology	1
Veterinary Medicine	1
Veterinary Medicine (DVM)	1
Veterinary Technology	1
veterinary medicine	2

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

**For more information on the Undergraduate Future Plans Survey contact:**

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