

May 2020 Undergraduate Future Plans Survey College of Agriculture and Life Sciences Summary Report

This report presents summary results from the May 2020 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

- 52% of seniors in CALS graduating in spring 2020 responded to the survey
- 33% 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 \$43,065 (median = \$41,250)
- 79% of CALS graduates with full-time employment said they would be working in North Carolina (46% in the Research Triangle Area)
- 37% of respondents in CALS indicated they were planning to go to graduate/professional school in the year after graduation
- 70% 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 2020 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 2020 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	29	15	51.7%	6	4	26,250	36,250	41,250	34,167	6
Agricultural and Resource Economics	52	22	42.3%	12	4	36,250	43,750	46,250	41,806	9
Animal Science	120	74	61.7%	17	36	23,750	31,250	41,250	33,917	15
Biological and Agricultural Engineering	49	24	49.0%	13	2	55,000	60,000	66,250	60,417	12
Crop and Soil Science	17	7	41.2%	2	2	**	**	**	**	2
Food, Bioprocessing, and Nutrition Sciences	85	43	50.6%	12	22	21,250	33,750	66,250	43,523	11
Horticultural Science	17	13	76.5%	5	3	**	**	**	**	2
Molecular and Structural Biochemistry	30	12	40.0%	5	3	28,750	33,750	50,000	39,375	4
Plant and Microbial Biology	16	8	50.0%	.	4	**	**	**	**	.
Prestage Dept of Poultry Science	14	6	42.9%	1	3	**	**	**	**	1
CALS Overall	429	224	52.2%	73	83	31,250	41,250	53,750	43,065	62

*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
ABS Global	1
AECOM	2
Agri-Waste Technology, Inc.	1
All Animals Veterinary Hospital	1
Ames Construction, Inc.	1
AveXis	2
BioMedomics Inc	1
Bonnie Acre Ranch	1
BrightView	1
CSL Plasma	1
Cal-Maine Foods, Inc.	1
Capitol Financial Solutions	1
Crescent Family Practice	1
Cru	1
Dahlia's Floral Design & Vintage Decor	1
Dragonfly Pond Works	1
EarthOptics, Inc.	1
Eastern Turf Maintenance	1
Fidelity investments	1
Frank T. Williams Farms	1
Hey Clinic for Scoliosis and Spine Care	1

Table 2: Name of Company/Organization, continued

	N
Huneycutt Farms	1
Interfaith Food Shuttle	1
International Paper	1
John R. McAdams Company, Inc.	1
Kentucky Equine Management Internship	1
Kimley-Horn	1
Laster Orthodontics	1
Longwood Gardens	1
Lucky Clays Farm	1
MAKO Medical	2
Mathis Landscapes	1
McGill Associates	2
MedServe	1
Medserve	1
Merck	2
Murphy Family Ventures	1
NC Cooperative Extension	1
NC State University	1
NC State University - Department of Civil, Construction, and Environmental Engineering	1
NC State University - Department of Crops and Soil Science / Central East AG Supply Inc	1
National Institute of Environmental Health Sciences (NIEHS)	1
National Institutes of Health	1
North Carolina Department of Public Instruction	1
Palmetto Pet Hospital	1

Table 2: Name of Company/Organization, continued

	N
Pfizer Inc.	1
Phreesia	2
Pilgrim's Pride	1
Precision Nutrient Management	1
Premier Lawns, LLC	1
Quartet Veterinary Specialty & Emergency Hospital	1
Sensified	1
Sheetz	1
Six Forks Animal Hospital	1
Smithfield Foods	1
Stanly County Schools	1
Student Action with Farmworkers	1
Surry County Schools	1
Terra Green Precision Landscapes	1
The Dog Knowledge	1
United States Air Force	1
United States Coast Guard	1
Veterinary Specialty Hospital of the Carolinas	1
Walnut Street Animal Hospital	1
insightsoftware Inc.	1

Table 3: Location of Company (state)

	N	%
North Carolina	57	79.2
Pennsylvania	3	4.2
South Carolina	2	2.8
Florida	2	2.8
Ohio	1	1.4
Colorado	1	1.4
Virginia	1	1.4
Kentucky	1	1.4
Maryland	1	1.4
Not sure	3	4.2

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

	N	%
Triangle	32	46.4
Other NC	24	34.8
Outside NC	13	18.8

Table 5: Job Title

	N
Administrative Support (Crop and Soil Science Department), Office Manager (Central East Ag Supply)	1
Agriculture Teacher At South Stanly High School	1
Analyst	1
Aqua Tots Swim Instructor	1
Associate Engineer	1
Associate Operations Manager	1
Associate Scientist, Sterile Liquids Commercialization	1
Biologist	1
Bioprocess Engineer 1	1
Business Development Representative	1
CEO	1
Civil Engineer in Training	1
Client Services Associate	1
Conservatory Intern 12-Month	1
Crew Member	1
Customer Relationship Advocate	1
Customer Service Representative	1
Customer Support Specialist and Sales Associate	1
Dental Assistant	1
Dog Trainer	1
Donor Support Technician	1
Drainage Engineer	1
Emergency Veterinary Assistant	1
Engineering Associate	3

Table 5: Job Title, *continued*

	N
Entry Level Hydraulic Engineer	1
Farm Hand	1
Field Engineer	1
Field Manager	1
Financial Advisor	1
Florist	1
Gene Therapy Bio Processing Engineer IV	1
Greenhouse Associate	1
Horticulturalist	1
International Intern	1
Into the Fields Community Organizing Intern	1
Kentucky Equine Management Intern	1
Management Trainee	1
Manager	1
Marketing Coordinator	1
Medical Assistant	2
Medical Assistant and Community Health Advocate	1
Medical Interpreter and Community Health Advocate	1
Middle School Agriculture Teacher	1
Molecular Scientist Genomics	1
N/A	1
Postbaccalaureate Intramural Research Training Awardee	1
President	1

Table 5: Job Title, *continued*

	N
Production Manager Trainee	1
QA Intern	1
Quality Line Oversight, P1	1
Reproduction Program Technician	1
Research Scientist	1
Research Technician	2
Sales & Management Team Member	1
Sales Development Representative	1
Seasonal Farm Worker	1
Summer and Special Nutrition Consultant	1
Supervisor Development Trainee	1
Technician	1
Technician - Inspection Repairs	1
Union County Field Crops Extension Agent	1
Vet Nurse	1
Vet Tech	1
Veterinary Assistant	2
Veterinary Technician	1
Water Resources Designer 1	1

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

	N	%
Internship/externship	31	42.5
Family/friends/classmates/co-workers	19	26.0
Personal connection(s) within the company	18	24.7
LinkedIn	15	20.5
Career fair at NC State	14	19.2
Campus or college career center	10	13.7
Professional society	8	11.0
Internet: Other	8	11.0
Faculty member or found job listing in an NC State dept	6	8.2
Volunteer work	5	6.8
Applied for job via ePack	4	5.5
Consultation with NC State Career Counselor/Coach	3	4.1
Student teaching experience	3	4.1
On-campus interviewing	2	2.7
Career fair off campus	2	2.7
Employer info session on campus	2	2.7
Co-op experience	2	2.7
Employer found resume on ePack	1	1.4
Staffing agency	1	1.4
Other	6	8.2

*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	53	65.4
Have been accepted but undecided	1	1.2
Have applied, but not yet been accepted	8	9.9
Have not applied but plan to do so within the next year	19	23.5

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
Clemson University	1
Colorado State University	1
Duke University	2
East Carolina University	3
Emory University	1
Georgetown University	1
Meredith College	2
NC State University	24
Ross University School of Veterinary Medicine	1
University of Edinburgh	1
University of Florida	1
University of Georgia	1
University of Illinois at Chicago	1
University of Illinois at Urbana-Champaign	1
University of Minnesota, Twin Cities	1
University of North Carolina at Chapel Hill	3
University of North Carolina at Charlotte	1
University of North Carolina at Pembroke	1
University of South Carolina	1
University of Texas at Austin	1
University of Vermont	1
University of Wisconsin-Madison	2
Winthrop University	1

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

	N	%
North Carolina	37	69.8
South Carolina	2	3.8
Georgia	2	3.8
Outside United States	2	3.8
Illinois	2	3.8
Wisconsin	2	3.8
Colorado	1	1.9
District of Columbia	1	1.9
Florida	1	1.9
Minnesota	1	1.9
Texas	1	1.9
Vermont	1	1.9

Table 10: Type of Degree Pursuing*

	N	%
Master's	29	54.7
Doctoral	4	7.5
Professional	21	39.6

*Respondents could select more than one degree.

Table 11: Master's Degree

	N
MBA	2
MGIM	1
MLA	1
MPH	4
MS	20
Other	1

Table 12: Professional Degree

	N
DVM	19
MD	1
PharmD	1

Table 13: Academic Program*

	N
Agricultural Education	1
Agricultural and Extension Education	3
Analytics	1
Animal Science	4
Animal Science and Nutrition	1
Animal and Veterinary Sciences	1
Bioinformatics	1
Biomedical Visualization / Medical Illustration	1
Business Administration	1
Business Administration - Supply Chain Management	1

Table 13: Academic Program, *continued*

	N
Cell and Molecular Biology	1
Clinical Rehabilitation and Mental Health Counseling	1
Education	1
Epidemiology	1
Food Science	1
Genetics	1
Global Health	1
Human Nutrition	1
Landscape Architecture	1
Management	1
Medicine	1
Nutrition - Didactic Program in Dietetics	2
Pharmacy	1
Physician Assistant Studies	1
Plant Pathology/Phytopathology	1
Public Health	1
Public Health - Epidemiology	1
Public Health - Nutrition/Registered Dietitian Program	1
Veterinary Medicine	19

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

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