

May 2021 Undergraduate Future Plans Survey

College of Agriculture and Life Sciences

Summary Report

This report presents summary results from the May 2021 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

- 45% of seniors in CALS graduating in spring 2021 responded to the survey
- 42% 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 \$38,228 (median = \$36,250)
- 91% of CALS graduates with full-time employment said they would be working in North Carolina (53% 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
- 60% 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 2021 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 2021 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 who have 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	12	42.9%	6	1	26,250	36,250	38,750	34,750	5
Agricultural and Resource Economics	66	16	24.2%	10	1	36,250	45,000	46,250	43,750	6
Animal Science	116	54	46.6%	16	27	23,750	30,000	38,750	29,554	14
Biological and Agricultural Engineering	23	12	52.2%	6	3	38,750	56,250	58,750	45,750	5
Crop and Soil Science	29	13	44.8%	5	4	**	**	**	**	3
Food, Bioprocessing, and Nutrition Sciences	93	52	55.9%	21	25	23,750	36,250	61,250	39,605	19
Horticultural Science	23	11	47.8%	6	2	31,250	31,250	35,000	33,125	4
Molecular and Structural Biochemistry	28	15	53.6%	6	6	33,750	40,000	46,250	40,833	6
Plant and Microbial Biology	17	7	41.2%	4	2	**	**	**	**	3
Prestage Dept of Poultry Science	9	3	33.3%	2	1	**	**	**	**	2
CALS Overall	432	195	45.1%	82	72	26,250	36,250	48,750	38,228	67

*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
Aerotek/Labcorp	1
AgCarolina Farm Credit	2
Alamance Foods, Inc.	2
All Starz Children's Academy	1
AmeriCorps VISTA	1
Aptitude Contracting	1
Atrium Health	1
Aurobindo Pharma USA	1
Azalea Skin Treatment Center	1
BASF	1
BRT	1
Banfield Pet Hospital	1
Bartlett Tree Experts	2
Blue Mountain Flavors	1
Bonnie Plant Farm	1
Braeburn Farm	1
Butterball	2
CAC AmeriCorps - University Assisted Community Schools	1
Carolina Conceptions	1
Carolina Farm Credit	2
Cary Dermatology	1
Cavanaugh & Associates	1
Clayton Animal Hospital	1
Davis Grove Pediatrics	1
Duke Raleigh Hospital	1

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

	N
Duke University	1
E & J Gallo Winery	1
Enthalpy Analytical	1
FYZICAL Therapy & Balance Centers	1
Forsyth Humane Society	1
Harnett County Department of Education	1
Hillsdale Dental	1
HomeVestors of America	1
Howling Cow	1
Iredell-Statesville School District	1
Jordan Lake Animal Hospital	1
K9 Kabana	1
KBI Biopharma	1
KeraNetics	1
Landvision Designs	1
Lifestyle Medical Center	1
Locus Biosciences	1
MAKO Medical	1
MacNair's Country Acres	1
McAdams	1
Meherrin Ag & Chemical	1
Monroe-Union County Economic Development	1
NC State University	4
Next Century Spirits/Robert Craig Winery	1
North Carolina Cooperative Extension	1
Oak Heart Veterinary Hospital	1

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

	N
Painted Bar Stables	1
Pfizer	1
Phreesia	1
Precision BioSciences	1
Public Schools of Robeson County	1
Quail Corners Animal Hospital	1
Reformed University Fellowship	1
Sanderson Farms	1
Sequence, Inc.	1
Smithfield Foods	1
State Employee's Credit Union	1
StrideBio	1
Summit Endocrine & Diabetes	1
Sweetwater Creek	1
Swift Creek Animal Hospital	1
The Biltmore Company	1
Timmons Group	1
Vick Family Farms	1
Wake County Public School System	1
Wayne Farms	1
Wynn Farms	1

Table 3: Location of Company (state)

	N	%
North Carolina	71	91.0
California	2	2.6
Tennessee	1	1.3
New York	1	1.3
Virginia	1	1.3
Not applicable - Multiple states	2	2.6

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

	N	%
Triangle	40	52.6
Other NC	29	38.2
Outside NC	7	9.2

Table 5: Job Title*

	N
Ag Teacher	1
Agricultural Teacher	1
Agriculture Educator	1
Agriculture Teacher	1
Agriculture loan officer	1
AmeriCorps Member	1
Andrologist	1
Animal Hospital Receptionist	1
Arborist Ground Person	1
Assistant Farm Manager	1
Assistant Teacher	1
Assistant Trainer & Barn Manager	1
Associate Client Services	1
Associate Scientist	1
Beginning Trainee	1
Bioprocess Technician	1
CNA/Healthcare Tech	1
Comparative Medicine Specialist	1
Construction Lending Loan processor	1
Credit Analysis Trainee	1
Credit Analyst	1
Credit and Programs Specialist	1
Crew leader	1
Dairy production quality assistant	1
Dental Assistant	1
Designer I	1

Table 5: Job Title*, *continued*

	N
Farm hand	1
Farmer	1
Food Service Associate	1
For the Fall I will be a Harvest Intern for the 2021 Wine Harvest	1
Gardener II	1
Green house labor but will be a salesman coming fall	1
Greenhouse Associate & Seed Logistics	1
Health and Wellness Technician	1
Horticultural Specialist Technician	1
Horticulture Consumer Extension	1
Inhalation Associate 1- R& D	1
Installation Technician	1
Intern	1
Kennel technician	1
Lab Technician	1
Landscape Design Intern	1
Loan Processor	1
MS	1
Manufacturing Associate 1	1
Medical Assistant	4
Medical Assistant/Clinical Staff	1
Molecular Technologist	1
New Project Manager & Digital Media Coordinator	1
Owner / Franchise Operator	1
Physical therapy technician	1
Production Manager Trainee	1

Table 5: Job Title*, *continued*

	N
Production Supervisor	1
Project Engineer 1	1
Project Engineer I	1
Quality Manager	1
R&D Food Scientist	1
RUF Intern	1
Research Assistant	1
Research Associate I	1
Research Associate I, Downstream Process Development	1
Research Technician	1
Research and Development Manager	1
Research and Development Technologist	1
Research technician	2
Sales associate	1
Summer Associate of Wake County Food Security Team	1
Supervisor Trainee Program	1
Technician Trainee	1
Vet Assistant	1
Veterinary Assistant	3
Veterinary technician	1
Viticulture Intern	1
barn intern	1

*Responses are provided exactly as written by respondents.

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

	N	%
Internship/externship	24	29.3
Personal connection(s) within the company	24	29.3
Family/friends/classmates/co-workers	21	25.6
LinkedIn	19	23.2
Internet: Other	15	18.3
Campus or college career center	14	17.1
Career fair at NC State	14	17.1
Volunteer work	13	15.9
Faculty member or found job listing in an NC State dept	8	9.8
Consultation with NC State Career Counselor/Coach	7	8.5
Professional society	5	6.1
Applied for job via ePack	4	4.9
Employer info session on campus	4	4.9
Student teaching experience	4	4.9
On-campus interviewing	3	3.7
Career fair off campus	1	1.2
Co-op experience	1	1.2
Staffing agency	1	1.2
Other	5	6.1

*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	52	74.3
Have been accepted but undecided	3	4.3
Have applied, but not yet been accepted	7	10.0
Have not applied but plan to do so within the next year	8	11.4

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
Belmont University	1
Bowling Green State University	1
High Point University	1
Massey University School of Veterinary Science	1
Meharry Medical College	1
Meredith College	6
NC State University	20
Ross University School of Veterinary Medicine	1
Southern College of Optometry	1
St. George's University	1
The Ohio State University College of Veterinary Medicine	2
The Pennsylvania State University	1
University of Arkansas	1
University of Florida	1
University of Georgia	3
University of Kentucky	2

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

	N
University of Miami Rosenstiel School of Marine and Atmospheric Science	1
University of Michigan	1
University of Nebraska Lincoln	1
University of North Carolina - Chapel Hill	1
University of North Carolina - Chapel Hill Gillings School of Global Public Health	1
University of North Carolina - Pembroke	1
Washington University in St.Louis	1
Yale School of Public Health	1

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

	N	%
North Carolina	31	59.6
Tennessee	3	5.8
Ohio	3	5.8
Outside United States	3	5.8
Florida	2	3.8
Georgia	2	3.8
Kentucky	2	3.8
Pennsylvania	1	1.9
Arkansas	1	1.9
Michigan	1	1.9
Nebraska	1	1.9
Missouri	1	1.9
Connecticut	1	1.9

Table 10: Type of Degree Pursuing*

	N	%
Master's	32	61.5
Doctoral	3	5.8
Professional	16	30.8
Other	1	1.9

*Respondents could select more than one degree.

Table 11: Master's Degree

	N
MBA	1
MLA	1
MPH	3
MR	2
MS	22
MSAT	1
MUD	1

Table 12: Doctoral Degree

	N
PhD	2

Table 13: Professional Degree

	N
DPT	1
DVM	13
JD	1
MD	1
OD	1

Table 14: Other Degree

	N
Post Baccalaureate Certificate Program	1

Table 15: Academic Program*

	N
Agriculture and Extension Education	1
Analytical Chemistry	1
Animal Science	2
Athletic Training	1
Biological and Agricultural Engineering	1
Biomedical engineering	1
Biosystems Engineering	1
CVM	1
College of Vet Medicine	1
College of Veterinary Medicine	1
Crop Science	1
DVM	1
Dietetics and Nutrition	1
Doctor of Optometry	1
Doctor of veterinary medicine	1
Doctorate of Veterinary Medicine	3
Doctorate of veterinary medicine	1
Exercise Physiology	1
Food Science	1
Food science	1
Horticultural Science	1
Horticulture	1
Landscape Architecture	1

Table 15: Academic Program*, *continued*

	N
Law	1
MBA	1
MM Voice Science and Pedagogy	1
MPS- Coastal Zone Management	1
MS in Nutrition	1
MS-Food Science	1
MS/DPD Nutrition	1
Master of Public Health	1
Masters of Health Sciences	1
Masters of Public Health Concentration in Registered Dietitian	1
Mechanized Systems Technology in ag Engineering Department	1
Meredith's DPD Nutrition Program	1
Nutrition Science	1
Nutrition sciences dietetic track	1
Physical Therapy	1
Plant Pathology	1
Plant breeding, genetics, and genomics	1
Post Baccalaureate in Pre Health Sciences	1
Poultry Science	1
Soil Science	1
Veterinary Medicine	3
Veterinary School	1
master of public health, chronic disease epidemiology	1
veterinary medicine	1

*Responses are provided exactly as written by respondents.

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