

**Combined Undergraduate Future Plans Surveys and Survey of Recent Graduates  
Academic Year 2017-2018 Graduates  
College of Agriculture and Life Sciences  
Summary Report**

This summary report presents combined results from graduating seniors participating in either the December 2017 or May 2018 Undergraduate Future Plans Survey (UFPS) or the follow-up September 2018 Survey of Recent Graduates (SRG) for the College of Agriculture and Life Sciences.

**Highlights for the College of Agriculture and Life Sciences**

- 56% of seniors in CALS conferring degrees in the academic year 2017-2018 responded to the survey
- 52% of respondents in CALS said they had obtained a full-time position
- CALS graduates with full-time employment (excluding internships) reported an average starting salary of \$39,159 (median = \$36,250)
- 82% of CALS graduates with full-time employment said they would be working in North Carolina (51% in the Research Triangle Area)
- 29% of respondents in CALS indicated they were planning to go to graduate/professional school in the year after graduation
- 68% 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 academic year 2017-2018 graduates in each of the College of Agriculture and Life Sciences departments. It includes the number of students in the departments who graduated between December 2017 and the second summer session in 2018, as well as the number of those students who submitted the Undergraduate Future Plans Survey and/or the Survey of Recent Graduates. 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 to attend graduate or professional school. 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	54	31	57.4%	16	5	33,750	36,250	41,250	37,321	14
Agricultural and Resource Economics	92	49	53.3%	41	1	36,250	43,750	53,750	46,891	39
Animal Science	173	96	55.5%	41	37	20,000	28,750	36,250	28,375	40
Biological and Agricultural Engineering	57	30	52.6%	20	3	41,250	56,250	61,250	51,389	18
Crop and Soil Science	27	14	51.9%	10	4	38,750	41,250	48,750	47,222	9
Food, Bioprocessing, and Nutrition Sciences	119	82	68.9%	34	33	28,750	37,500	46,250	37,292	30
Horticultural Science	24	11	45.8%	8	2	22,500	30,000	36,250	28,750	8
Molecular and Structural Biochemistry	58	29	50.0%	7	14	36,250	43,750	48,750	42,500	4
Plant and Microbial Biology	19	13	68.4%	7	3	21,250	27,500	53,750	34,583	6
Prestage Dept of Poultry Science	19	6	31.6%	4	1	**	**	**	**	3
<b>CALS Overall</b>	<b>642</b>	<b>361</b>	<b>56.2%</b>	<b>188</b>	<b>103</b>	<b>28,750</b>	<b>36,250</b>	<b>48,750</b>	<b>39,159</b>	<b>171</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
3H Equine Hospital and Mobile Clinic	1
Agropur	1
Alamance Burlington School System	1
Alamance Foods, Inc.	1
Alston Spruill Farms	1
Amadas Industries	1
AmeriCorps	1
Animal Care Hospital of Matthews	1
Animal Health and Wellness Hospital	1
Ashton Woods	1
Aviagen	1
BASF	2
BDT	1
Bailliard Henry Pediatric Cardiology	1
Banfield Animal Hospital and Piedmont Wildlife Center	1
Bartlett Tree Experts	1
Bayer CropScience	1
Bloom	1
Butterball, LLC	3
CDC - Centers for Disease Control and Prevention	1
CEMS Engineering	1
Cabin Creek Farms	1
Camp Bow Wow	1
Campus Outreach	1

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

	N
Cane Creek Farm	1
Case Farms	1
Chris Cartwright Inc.	1
Clayton Animal Hospital	1
Clinipace Worldwide	1
Colony Park Animal Hospital	1
Complete Communications Inc	1
Copernicus Group IRB	1
Corolla Wild Horse Fund	1
Craig Yencho Research Team	1
Cumberland County Schoole	1
Custom Controls Unlimited Inc.	1
D. P. Dough	1
Dale Little Farms	1
Davey Tree	1
Deere-Hitachi Construction Machinery Corporation	1
Dermatology Office	1
Dewberry	1
Duke	1
Duke Molecular Physiology Institute	1
Duke University Hospital	1
EFNEP	1
Ecological Engineering	1
Encana Corporation	1
EquiLightenment and Silver Moon Iberians	1
Farm Bureau	1

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

	N
Fidelity Investments	1
Fujifilm	1
Goldsboro Milling Company	1
GreenWolf Turf & Landscape	1
Gregory Poole Equipment Company	2
Grifols	1
HP Group LLC and Tankard Turf and Landscaping	1
Hanging Rock Hemp and Cattle Co.	1
Harvey Fertilizer and Gas	1
Hazen and Sawyer	1
Helena Chemical Company	1
Hendrick Automotive Group	1
Hill of Berry's farm	1
Hoffman Nursery	1
Home Trust Bank	1
Hormel Foods	1
Information Control Company	1
Innovative Environmental Technologies, Inc.	1
Institute for Medical Research	1
Inter-Faith Food Shuttle	1
Iredell County Health Department	1
JBS-USA	1
JTI	1
John Deere	2
Jordan Farms	1
Kinticos Life Sciences Management Consulting LLC	1

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

	N
Kornegay Family Farms and Produce	1
Kubota Tractors	1
Lake Phelps Grain	1
Lake Pine Animal Hospital	1
Leesville Animal Hospital	1
Lenovo	1
LifeStyle Medical Center	1
Line and Grade	1
MSI	1
MacNairs Country Acres	1
Mayo Clinic	1
McAdams	2
Mountaire Farms	1
Mt. Olive Pickle Company	1
N/A	1
NASDA	1
NC Cooperative Extension	4
NC State University	10
NCDA - Agronomic Division	1
NVA	1
National Dairy Research Institute of Spain	1
National Institute of Allergy and Infectious Disease	1
New Leaf Landscaping	1
North Carolina Department of Agriculture and Consumer Services	1
North Carolina Extension	1

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

	N
NorthView Construction	1
Novozymes	2
Otter Branch Organics	1
PMG Research of Cary	1
PRA Health Sciences	1
Pairwise	1
Perdue Farms	1
Personify	1
PetSound Daycare and Boarding	1
Pfizer	1
Prestage Farms	3
Prince George's Soil Conservation District	1
Quartet Veterinary	1
RK&K	1
Rabo Agrifinance	1
Rain and Hail Agricultural Insurance	1
Raleigh Community Animal Hospital	1
Relias	1
Resource Environmental Solutions	1
Retail Sports Marketing	1
Rochester Contracting Network	1
Rutherford Regional Medical Center	1
S&A Construction	1
SAS	1
SPEC Contracting LLC	1
Smithfield Hog Production	1

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

	N
Sunrise Senior Living	1
Super-Sod	1
Swift Creek Animal Hospital	1
Syngenta	2
Temple Furniture Inc.	1
Tethis	1
Texas A&M University	1
The Ingredient House	1
The Trustees of Reservations: Appleton Farms	1
Tiemersma Dairy	1
TriCity Insulation & Building Products	1
Trimat Materials Testing Inc.	1
Tuscan Ridge Animal Hospital	1
Tyson Foods	1
UNC Chapel Hill	2
US Air Force	1
US Army	1
US Marine Corps	1
USDA	3
United Animal Health	1
United States Department of Agriculture-Natural Resources Conservation Service	1
Universal Leaf North America	1
Vance County Cooperative Extension	1
Vanguard Culinary Group	1
Virginia Cooperative Extension	1



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

	N
Wake Forest Dermatology	1
Wrenn's Farm	1
YMCA	1
Zoetis	1

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

	N	%
North Carolina	150	82.0
Virginia	8	4.4
Colorado	3	1.6
Maryland	3	1.6
Florida	2	1.1
Ohio	2	1.1
Wisconsin	1	0.5
Mississippi	1	0.5
Oklahoma	1	0.5
Oregon	1	0.5
Illinois	1	0.5
Minnesota	1	0.5
District of Columbia	1	0.5
Iowa	1	0.5
Texas	1	0.5
Massachusetts	1	0.5
Nebraska	1	0.5
Indiana	1	0.5
Not sure	3	1.6

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

	N	%
Triangle	90	51.1
Other NC	55	31.3
Outside NC	31	17.6

\*Some respondents did not provide the name of the city in which they would be working and therefore region could not be determined.

**Table 5: Job Title**

	N
4-H Agent	2
Account Manager	1
Accounting	1
Ag Sales/Marketing Professional Development Program (PDP)	1
Agent	1
Agri-Intelligence Specialist	1
Agricultural Education Teacher	3
Agricultural Sales & Marketing PDP	1
Agriculture Extension Agent	1
Animal Care Technician	1
Animal Care Technician 1	1
Aquatics Director	1
Assistant Dairy Herdsman	1
Assistant Farm Manager	2
Assistant Manager	1
Assistant Stormwater Engineer	1
Assistant Superintendent	1
Assistant Trainer and Barn Manager	1
Associate Management Trainer	1

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

	N
Associate SNAP-ed Agent	1
Asst. Farm Manager	1
Bachelor Aid Technician	1
Barn Manager	1
Bioanalyst	1
Budtender	1
Business Development	1
C Bord Assistant	1
CFO	1
CNA	1
Campus Staff	1
Chem Lab Technician	1
Civil Engineer Associate	1
Client Services Coordinator I	1
Clinical Research Coordinator	1
Clinical Trial Associate	1
Course Production Specialist	1
Customer Interaction Agent	1
Customer Relationship Specialist	1
Dairy and Livestock Technician	1
Data Technician	1
Daycare and Boarding Manager	1
Design Engineer	2
Designer	1
Designer I	2
Dietetic Technician	1

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

	N
Dog Trainer	1
ER Registration Clerk	1
Employee	1
Engineer	1
Engineer I/Designer	1
Engineering Tech	1
Entry Level Engineer	1
Environmental Analyst	1
Environmental Health Specialist	1
Extension Agent Livestock and Field Crops	1
Farm Hand	1
Farm Manager	2
Farm Production Assistant	1
Field Marketing Manager	1
Field Technician	2
Finance Manager	1
Financial Associate	1
Food Safety and Labor Compliance Officer	1
Food Technologist	1
Fractionation Tech	1
Graduate Research Assistant	1
Grain Buyer/Manager	1
Health Admin	1
Health Human Resources Officer	1
Horticulture Agent	2
IRB Operations Specialist	1

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

	N
Information Security Specialist	1
Instructor/Barn Hand	1
Insurance Specialist	1
Junior Agronomist	1
LASR Associate	1
Lab Assistant	2
Lab Tech	1
Laboratory Technician	1
Landscaper	1
Lease Operator	1
MA	1
Management Development Associate	2
Management Development Program	1
Management Trainee	5
Manager	1
Manager Trainee	1
Marketing Admin	1
Marketing Representative	1
Medical Assistant	2
N/A	1
Nutrition Educator	1
Office Assistant	1
Office Manager	1
Officer Candidate	1
Outside Sales Representative	1
Owner	5

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

	N
Pilot	1
Plant Healthcare Specialist	1
Plant Manager	1
Postbac IRTA Fellow	1
Postbaccalaureate Research Fellow in Biomedical Ethics	1
Poultry Research Technician	1
Processing Trainee	1
Project Associate	1
Project Manager	2
Public Health Advisor	1
Public Policy Intern	1
Quality Assurance Manager	1
Quality Control Supervisor	1
Quality Supervisor	1
R&D Co-Op Student	1
Receptionist	1
Research Assistant	9
Research Associate	3
Research Specialist	2
Research Technician	2
Research Technician II	1
Sales Assistant	1
Sales Representative	1
Sales and Service Associate	1
Salesman	1
Section Grower	1

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

	N
Senior Recruiter	1
Service Desk Technician	1
Service Tech	1
Soil Conservation Engineering Technician	1
Soil Conservationist	2
Surgical Assistant	1
Training Coordinator	1
Tree Climber Trainee	1
Vet Assistant	1
Vet Tech	2
Veterinary Assistant	6
Veterinary Assistant and Lead Counselor	1
Veterinary Technician	2
Volunteer	1
Warranty Specialist	1
Water Resources Engineer	2
Water Resources Intern	1

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

	N	%
Internship/externship	58	30.9
Family/friends/classmates/co-workers	53	28.2
Personal connection(s) within the company	46	24.5
LinkedIn	35	18.6
Career fair at NC State	34	18.1
Campus or college career center center	29	15.4
Internet: Other	23	12.2
Applied for job via ePack	22	11.7
Faculty member or found job listing in an NC State dept	22	11.7
Volunteer work**	17	10.8
On-campus interviewing	15	8.0
Professional society	13	6.9
Consultation with NC State Career Counselor/Coach	10	5.3
Employer found resume on ePack	6	3.2
Career fair off campus	4	2.1
Employer info session on campus	4	2.1
Co-op experience	3	1.6
Student teaching experience	3	1.6
Staffing agency	3	1.6
Other	19	10.1

\*Respondents could select more than one resource.

\*\*New item added in May 2018 FPS and September 2018 SRG.



## 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	84	81.6
Have been accepted but undecided	1	1.0
Have applied, but not yet been accepted	4	3.9
Have not applied but plan to do so within the next year	14	13.6

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

	N
Colorado State	1
Duke University	1
East Carolina University	2
Emory University	1
Georgetown University	2
Georgia Southern University	1
Hood College	1
Lincoln Memorial University-College of Veterinary Medicine	1
Marquette University	1
Meredith College	7
NC State University	40
New York University	1
North Carolina A&T State University	1
North Carolina Central University	1
Purdue University	1

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

	N
St. George's University	1
St. Jude Graduate School of Biomedical Sciences	1
Texas A&M University	1
Texas Tech University	1
Tufts University	1
UNC Chapel Hill	5
UNC Charlotte	1
UNC Greensboro	1
University of Alabama	1
University of Connecticut	1
University of Florida	1
University of Illinois	1
University of Illinois Urbana-Champaign	1
University of Miami	1
University of Minnesota	1
Utah State University	1
Western Carolina University	1
Yale University	1

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

	N	%
North Carolina	60	71.4
Georgia	2	2.4
District of Columbia	2	2.4
Tennessee	2	2.4
Texas	2	2.4
Connecticut	2	2.4
Florida	2	2.4
Illinois	2	2.4
Colorado	1	1.2
Maryland	1	1.2
Wisconsin	1	1.2
New York	1	1.2
Indiana	1	1.2
Outside United States	1	1.2
Massachusetts	1	1.2
Alabama	1	1.2
Minnesota	1	1.2
Utah	1	1.2

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

	N	%
Master's	45	53.6
Doctoral	5	6.0
Professional	30	35.7
Other	4	4.8

\*Respondents could select more than one degree.

**Table 11: Master's Degree**

	N
M	3
MAEd	1
ME	1
MLA	1
MMB	1
MPA	1
MPH	2
MR	1
MS	31
MSN	2

**Table 12: Doctoral Degree**

	N
PhD	5

**Table 13: Professional Degree**

	N
DDS	1
DPT	2
DVM	21
JD	1
MD	1
PharmD	4

**Table 14: Other Degree**

	N
Accelerated Bachelor of Nursing Program (BSN)	1
DPD Program to be eligible for DIP	1
DPD Verification Statement	1

**Table 15: Academic Program/Discipline Enrolled In\***

	N
Agricultural Education	2
Agricultural Extension and Education	1
Agricultural and Biological Engineering	1
Agricultural and Extension Education	2
Animal Science	2
Biochemistry	2
Biochemistry PhD	1
Bioinformatics	2
Biological and Agricultural Engineering	1
Biomedical sciences	1
Biotechnology (drug design and discovery)	1
CVM	1
College of Veterinary Medicine	4
College of veterinary medicine	1
Crop Science	2
DVM	2
DVM Program	1
Dentistry	1
Didactic Program of Dietetics	2
Doctor of Pharmacy	1

**Table 15: Academic Program/Discipline Enrolled In\*, *continued***

	N
Doctor of Physical Therapy	1
Doctor of Physical Therapy school	1
Doctor of Veterinary Medicine	2
Food Science	2
Friedman School of Nutrition and Policy	1
Higher Education Administration	1
Horticulture	1
Law School	1
M.S. Crop Science	1
MS in Biohazardous Threat Agents and Emerging Infectious Diseases	1
MS in nutrition and DPD requirements	1
MS nutrition	1
Master of Microbial Biotechnology	1
Master's in Biochemistry	1
Masters in Bioinformatics	1
Masters in Landscape Architecture	1
Masters in Nutrition	1
Masters of Biochemistry	1
Masters of Nursing	1
Masters of science in nutrition	1
Medical School	1
Molecular & Environmental Plant Sciences	1
NCSU CVM	1
Nursing	1
Nutrition	2
Nutrition Science	1

**Table 15: Academic Program/Discipline Enrolled In\*, *continued***

	N
Nutrition	1
PREDENTAL POSTBACC	1
PhD in biomedical sciences	1
PharmD	1
Pharmacy	2
Physiology	1
Plant Pathology	1
Plant and Soil Science	1
Poultry Science	1
Public Health	1
Public health	1
SPIA	1
Soil Science	1
Speech & Language Pathology	1
Vet school	1
Veterinary Medical School	1
Veterinary Medicine	2
Veterinary School	2
Veterinary medicine	1
Veterinary school	2

\*Academic program has not been cleaned. This is verbatim what the respondent typed.

**For more information on the 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