

Dec 2019 Undergraduate Future Plans Survey College of Agriculture and Life Sciences Summary Report

This report presents summary results from the Dec 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

- 43% of seniors in CALS graduating in fall 2019 responded to the survey
- 38% 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 \$44,954 (median = \$41,250)
- 86% of CALS graduates with full-time employment said they would be working in North Carolina (42% in the Research Triangle Area)
- 25% of respondents in CALS indicated they were planning to go to graduate/professional school in the year after graduation
- 100% 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 Dec 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 Dec 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 | 8 | 5 | 62.5% | 3 | . | ** | ** | ** | ** | 3 |
| Agricultural and Resource Economics | 42 | 23 | 54.8% | 9 | 1 | 38,750 | 41,250 | 66,250 | 47,679 | 7 |
| Animal Science | 64 | 22 | 34.4% | 3 | 12 | ** | ** | ** | ** | 2 |
| Biological and Agricultural Engineering | 5 | 2 | 40.0% | 2 | . | ** | ** | ** | ** | 2 |
| Crop and Soil Science | 11 | 6 | 54.5% | 4 | 2 | ** | ** | ** | ** | 3 |
| Food, Bioprocessing, and Nutrition Sciences | 23 | 10 | 43.5% | 5 | 5 | 22,500 | 33,750 | 58,750 | 40,625 | 4 |
| Horticultural Science | 8 | 4 | 50.0% | 1 | 1 | ** | ** | ** | ** | 1 |
| Molecular and Structural Biochemistry | 15 | 6 | 40.0% | 3 | . | ** | ** | ** | ** | 3 |
| Plant and Microbial Biology | 14 | 5 | 35.7% | 2 | . | ** | ** | ** | ** | 2 |
| Prestage Dept of Poultry Science | 5 | 1 | 20.0% | . | . | ** | ** | ** | ** | . |
| CALS Overall | 195 | 84 | 43.1% | 32 | 21 | 33,750 | 41,250 | 53,750 | 44,954 | 27 |

*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 |
|--|---|
| A state government agency. | 1 |
| BGI Group | 1 |
| Boulevard Animal Hospital | 1 |
| Chemtreat, Inc. | 1 |
| Colony Tire | 1 |
| DSD Group | 1 |
| Fayetteville Endocrinology and Diabetes Clinic | 1 |
| Frank Dail Farms, Inc. | 1 |
| IQVIA | 1 |
| Kiefer Landscaping, Inc. | 1 |
| Kite Pharma | 1 |
| LDSI, Inc. | 1 |
| Meherrin Agricultural and Chemical Co. | 1 |
| NC State University | 2 |
| Nash Produce LLC | 1 |
| National Institutes of Health | 1 |
| North Carolina Cooperative Extension | 1 |
| North Carolina Department of Agriculture & Consumer Services | 1 |
| Old Chatham Golf Club | 1 |
| Peterson & Smith Equine Hospital | 1 |

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

| | N |
|---|---|
| Pfizer Inc. | 1 |
| Qin's Entertainment | 1 |
| Quail Hollow Club | 1 |
| Raleigh Racquet Club Inc. | 1 |
| Resource Environmental Solutions | 1 |
| Ruppert Landscape | 1 |
| STM IT Solutions | 1 |
| TerraFinna Landworks | 1 |
| United States Department of Agriculture | 1 |

Table 3: Location of Company (state)

| | N | % |
|----------------------------------|----|------|
| North Carolina | 24 | 85.7 |
| California | 1 | 3.6 |
| Florida | 1 | 3.6 |
| Massachusetts | 1 | 3.6 |
| Not applicable - Multiple states | 1 | 3.6 |

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

| | N | % |
|------------|----|------|
| Triangle | 13 | 41.9 |
| Other NC | 11 | 35.5 |
| Outside NC | 7 | 22.6 |

Table 5: Job Title

| | N |
|--------------------------------------|---|
| Administrative Assistant | 1 |
| Assistant Golf Course Superintendent | 1 |
| Assistant in Training | 1 |
| Associate Scientist | 1 |
| Clinical Trial Associate | 1 |
| Customer Service Representative | 1 |
| Engineer | 2 |
| Estimator | 2 |
| Finance Assistant | 1 |
| Intern | 1 |
| Lab Assistant | 1 |
| Landscape Installation Expert | 1 |
| Livestock Extension Agent | 1 |
| Manager | 1 |
| Nutrition and Weight Counselor | 1 |
| Owner | 1 |
| Post-Baccalaureate Fellow | 1 |
| Research Assistance | 1 |
| Research Associate | 1 |
| Research Technician | 1 |
| Sales Executive | 1 |
| Sales Management Trainee | 1 |
| Seed and Fertilizer Specialist | 1 |
| Staff Tennis Professional | 1 |
| Veterinarian Assistant | 1 |
| Water Treatment Technician | 1 |
| Working Student/Intern | 1 |

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

| | N | % |
|---|----|------|
| Personal connection(s) within the company | 13 | 40.6 |
| Internship/externship | 11 | 34.4 |
| Family/friends/classmates/co-workers | 7 | 21.9 |
| Campus or college career center | 4 | 12.5 |
| Career fair at NC State | 4 | 12.5 |
| LinkedIn | 4 | 12.5 |
| Internet: Other | 3 | 9.4 |
| Consultation with NC State Career Counselor/Coach | 2 | 6.3 |
| Volunteer work | 2 | 6.3 |
| Faculty member or found job listing in an NC State dept | 2 | 6.3 |
| Professional society | 2 | 6.3 |
| On-campus interviewing | 1 | 3.1 |
| Other | 2 | 6.3 |

*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 | 4 | 19.0 |
| Have been accepted but undecided | 2 | 9.5 |
| Have applied, but not yet been accepted | 9 | 42.9 |
| Have not applied but plan to do so within the next year | 6 | 28.6 |

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 and knew where they would be going.

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

| | N |
|--|---|
| East Carolina University | 1 |
| NC State University | 2 |
| University of North Carolina - Chapel Hill (School of Nursing) | 1 |

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

| | N | % |
|----------------|---|-------|
| North Carolina | 4 | 100.0 |

Table 10: Type of Degree Pursuing*

| | N | % |
|--------------|---|------|
| Master's | 2 | 50.0 |
| Professional | 2 | 50.0 |

*Respondents could select more than one degree.

Table 11: Master's Degree

| | N |
|--|---|
| Addictions and Rehabilitation Counseling | 1 |
| Master of Agricultural Extension and Education | 1 |

Table 12: Doctoral Degree

Table 13: Professional Degree

| | N |
|-----|---|
| DVM | 1 |

Table 14: Other Degree

| | N |
|---------|---|
| BSN, RN | 1 |

Table 15: Academic Program*

| | N |
|--|---|
| Addictions and Rehabilitation Counseling | 1 |
| Agricultural Extension and Education | 1 |
| Nursing | 1 |
| Veterinary Medicine | 1 |

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

For more information on the Undergraduate Future Plans Survey contact:

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