

December 2018 Undergraduate Future Plans Survey College of Sciences Summary Report

This report presents summary results from the December 2018 Undergraduate Future Plans Survey for departments in the College of Sciences, followed by summary information on employment and further education for the college as a whole.

Highlights for the College of Sciences

- 40% of seniors in COS graduating in fall 2018 responded to the survey
- 40% of respondents in COS said they had obtained a full-time position
- COS graduates with full-time employment (excluding internships) reported an average starting salary of \$43,807 (median = \$43,750)
- 84% of COS graduates with full-time employment said they would be working in North Carolina (67% in the Research Triangle Area)
- 27% of respondents in COS indicated they were planning to go to graduate/professional school in the year after graduation
- 100% of COS 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 December 2018 graduates in each of the College of Sciences departments. It includes the number of students in the department who graduated in December 2018 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 |
|--|-------------------|--------------------|---------------|-----------------|---------------------|------------------------|---------------|------------------------|----------------|--------------------|
| Biological Sciences | 98 | 41 | 41.8% | 11 | 14 | 23,750 | 41,250 | 46,250 | 43,611 | 9 |
| Chemistry | 11 | 4 | 36.4% | 1 | 2 | ** | ** | ** | ** | 1 |
| Marine, Earth and Atmospheric Sciences | 10 | 3 | 30.0% | 1 | . | ** | ** | ** | ** | 1 |
| Mathematics | 16 | 7 | 43.8% | 7 | . | 16,250 | 51,250 | 61,250 | 43,750 | 7 |
| Physics | 6 | 1 | 16.7% | 1 | . | ** | ** | ** | ** | 1 |
| Statistics | 13 | 6 | 46.2% | 4 | 1 | ** | ** | ** | ** | 3 |
| COS Overall | 154 | 62 | 40.3% | 25 | 17 | 31,250 | 43,750 | 51,250 | 43,807 | 22 |

*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 |
| Bank of America | 1 |
| Bartaco | 1 |
| BioAgilytix Labs | 1 |
| BlueTent Online | 1 |
| EPA | 1 |
| Eurofins Lancaster Laboratories | 1 |
| Genworth Mortgage Insurance | 1 |
| LRC Indoor Testing and Research | 1 |
| Mathnasium | 1 |
| Novozymes | 1 |
| Nuventra Inc. | 1 |
| Parkway Animal Hospital | 1 |
| Pike Engineering | 1 |
| Restoration + Recovery | 1 |
| RiverWild LLC | 1 |
| SAS | 1 |
| San Antonio Spurs | 1 |
| The Calverton School | 1 |
| Townie Transportation | 1 |
| US Marine Corps | 1 |
| Wake Forest Dermatology | 1 |
| Weber Shandwick | 1 |

Table 2: Name of Company/Organization, continued

| | N |
|--------|---|
| Zoetis | 1 |

Table 3: Location of Company (state)

| | N | % |
|----------------------|----|------|
| North Carolina | 21 | 84.0 |
| Texas | 1 | 4.0 |
| Maryland | 1 | 4.0 |
| District of Columbia | 1 | 4.0 |
| Not sure | 1 | 4.0 |

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

| | N | % |
|------------|----|------|
| Triangle | 16 | 66.7 |
| Other NC | 5 | 20.8 |
| Outside NC | 3 | 12.5 |

Table 5: Job Title

| | N |
|---------------------------------------|---|
| ATD Analyst | 1 |
| Analyst | 1 |
| Analytics Quality Assurance Assistant | 1 |
| Bartender | 1 |
| Bioprocess Associate Intern | 1 |
| Driver | 1 |
| Environmental Professional | 1 |
| Experience Design Leader | 1 |

Table 5: Job Title, continued

| | N |
|------------------------------------|---|
| Fermentation Research Associate II | 1 |
| Financial Coordinator | 1 |
| Global Risk Analyst Associate | 1 |
| Healthcare Practice Intern | 1 |
| Math Instructor | 1 |
| Math Teacher | 1 |
| Medical Scribe | 1 |
| Officer | 1 |
| Programming Specialist | 1 |
| Project Coordinator | 1 |
| Quality Assurance Support | 1 |
| Raw Materials Scientist | 1 |
| Teacher | 1 |
| Technical Training Consultant | 1 |
| Veterinary Assistant | 1 |
| Workday Specialist | 1 |

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

| | N | % |
|---|---|------|
| LinkedIn | 9 | 36.0 |
| Internship/externship | 7 | 28.0 |
| Personal connection(s) within the company | 7 | 28.0 |
| Internet: Other | 5 | 20.0 |
| Consultation with NC State Career Counselor/Coach | 3 | 12.0 |
| Applied for job via ePack | 3 | 12.0 |

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

| | N | % |
|---|---|------|
| Career fair at NC State | 3 | 12.0 |
| Family/friends/classmates/co-workers | 3 | 12.0 |
| Campus or college career center | 2 | 8.0 |
| Student teaching experience | 2 | 8.0 |
| Faculty member or found job listing in an NC State dept | 2 | 8.0 |
| Staffing agency | 2 | 8.0 |
| On-campus interviewing | 1 | 4.0 |
| Employer info session on campus | 1 | 4.0 |
| Volunteer work | 1 | 4.0 |
| Other | 4 | 16.0 |

*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 | 3 | 17.6 |
| Have been accepted but undecided | 1 | 5.9 |
| Have applied, but not yet been accepted | 10 | 58.8 |
| Have not applied but plan to do so within the next year | 3 | 17.6 |

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 |
|----------------------------------|---|
| Campbell University School of OM | 1 |
| ECU School of Dental Medicine | 1 |
| UNC Chapel Hill | 1 |

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

| | N | % |
|----------------|---|-------|
| North Carolina | 3 | 100.0 |

Table 10: Type of Degree*

| | N | % |
|--------------|---|-------|
| Professional | 3 | 100.0 |

*Respondents could select more than one degree.

Table 11: Professional Degree

| | N |
|--------|---|
| DDS | 1 |
| DO | 1 |
| PharmD | 1 |

Table 12: Academic Program*

| | N |
|----------------------------|---|
| Osteopathic Medicine | 1 |
| Pharmacy Doctorate Program | 1 |

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

For more information on the Undergraduate Future Plans Survey contact:

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