

**Combined Undergraduate Future Plans Surveys and Survey of Recent Graduates
Academic Year 2017-2018 Graduates
College of 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 Sciences.

Highlights for the College of Sciences

- 63% of seniors in COS conferring degrees in the academic year 2017-2018 responded to the survey
- 42% 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 \$38,236 (median = \$36,250)
- 82% of COS graduates with full-time employment said they would be working in North Carolina (67% in the Research Triangle Area)
- 35% of respondents in COS indicated they were planning to go to graduate/professional school in the year after graduation
- 57% 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 academic year 2017-2018 graduates in each of the College of 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
Biological Sciences	373	243	65.1%	101	84	23,750	28,750	38,750	30,540	88
Chemistry	32	23	71.9%	10	8	35,000	43,750	53,750	47,188	8
Marine, Earth and Atmospheric Sciences	54	32	59.3%	10	12	31,250	37,500	46,250	40,875	10
Mathematics	68	37	54.4%	22	10	51,250	58,750	66,250	56,528	18
Physics	23	12	52.2%	3	7	**	**	**	**	3
Statistics	54	35	64.8%	15	14	41,250	57,500	63,750	52,589	14
COS Overall	604	382	63.2%	161	135	26,250	36,250	51,250	38,236	141

*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
AECOM	1
Affordable Closets	1
Alliance Medical Ministry	1
Amec Foster Wheeler Environment and Infrastructure Inc.	1
Andrew's Apothecary	1
Antea Group	1
Apollo Intervental Pain Center	1
Apollo Pain Center & Maxim Healthcare	1
Appalachia Service Project	1
Appalachian New River Veterinary Associates	1
Aspirar Medical Lab	1
Atlantic Reproductive Medicine	1
Atlantic Spine & Pain	2
BRT	1
Bailliard Henry Pediatric Cardiology	1
Bain Dermatology	1
Barnhill Contracting Company	1
Becton Dickinson	1
Better Call Bernie	1
Biogen	1
Blue Ridge Dermatology	1
CData	1
Clty of Raleigh	1
CareFirst Animal Hospital at Oberlin	1

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

	N
Carolina Ranch Animal Hospital	1
Choate Construction Company	1
Chubb Insurance	1
Cisco	1
Clayton Animal Hospital	1
Clean Juice	1
College Advising Corps	1
Credit Suisse	2
Cru	2
Dilworth Animal Hospital	1
Duke Human Vaccine Institute	1
Duke Raleigh Hospital	1
Duke University	1
Early Alert Inc.	1
El Paso County	1
Environmental Protection Agency	1
Eurofins	1
Falcon Engineering	1
Family Dermatology	1
Farm Sanctuary	1
Fidelity Investments	2
First Analytical Labs	1
Food and Drug Administration	1
Fredericksburg Emergency Medical Alliance	1
Goldman Sachs	1
Greensboro Science Center	1

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

	N
Horizon Research, Inc.	2
IQVIA	5
ImmunoReagents	1
In The Same Boat	1
Infosys	1
Inivata	1
Insight Global	1
Instride Foot and Ankle	1
Ivy.ai	1
Kappa Alpha Theta Fraternity	1
Kappa Kappa Gamma	1
LabCorp	4
Lincoln Park Strategies	1
Lindley Habilitation Services	1
Lisa Abernethy Christman, M.D. Dermatology, P.A.	1
MetLife	4
Mississippi Teacher Corps	1
Momentum Research, Inc.	1
Moore Regional Hospital	1
N/A	1
NC State University	6
NCJUA	1
National Institute of Environmental and Health Sciences	1
National Institute of Health	1
North Carolina Central University	1
North Carolina Museum of Natural Sciences	1

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

	N
North Carolina Wildlife Resources Commission	1
Northwestern University	1
Northwood Animal Hospital	1
Northwoods Animal Hospital	1
Nu Image	1
Nuventra	2
ORAU and EPA	1
Optum	1
Pairwise	1
Peace Corps	2
Pfizer	2
Plum Island Animal Disease Center	1
Precision BioSciences	1
QuintilesIMS	1
RTI International	2
Red Ventures	1
Rex Hospital	1
Rocky Mount High School Early College	1
SAS	3
SGSHL LLC	1
San Diego Zoo	1
Sanderson High School	1
Sciome	1
Shanahan Rheumatology & Immunotherapy	1
SolUtionS	1
Summit Eye Care	1

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

	N
Teach for America	1
Techverse, Inc.	1
The Blood Connection	1
The Journal (owned by Ballantine Communications, Inc.)	1
The Science House	1
The Scion Group LLC	1
TopBuild	1
UNC Chapel Hill Eshelman School of Pharmacy	1
UNC Department of Comparative Medicine	1
UNC Hospitals	2
UNC School of Medicine	1
UPS	1
US Air Force	1
US Army	1
US Bancorp Investments	1
US Navy	2
University of Colorado	1
University of Nebraska	1
VIP Petcare	1
Valassis Digital	1
Versar	1
Veterinary Assistant	1
WEP Clinical	2
Wake Forest Dermatology	1
Xpo Logistics	1

Table 3: Location of Company (state)

	N	%
North Carolina	125	82.2
Colorado	4	2.6
New York	3	2.0
Maryland	3	2.0
Florida	2	1.3
West Virginia	1	0.7
Virginia	1	0.7
Ohio	1	0.7
Indiana	1	0.7
District of Columbia	1	0.7
Missouri	1	0.7
Mississippi	1	0.7
Illinois	1	0.7
Massachusetts	1	0.7
Hawaii	1	0.7
Texas	1	0.7
California	1	0.7
Nebraska	1	0.7
Not sure	2	1.3

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

	N	%
Triangle	100	66.7
Outside NC	29	19.3
Other NC	21	14.0

*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
Accounting Assistant	1
Actuarial Assistant	1
Administrative Assistant	2
Analyst	1
Analytical Chemist	1
Andrologist	1
Anesthesia Technician	1
Aquaculture Technician	1
Assistant	1
Associate	1
Associate Scientist	1
Associate Software Developer	1
Associate Software Engineer	2
Associate Statistical Programmer	2
Associate Technical Training Consultant	1
Biochemical Genetics Technologist Trainee	1
Bird Keeper	1
Box Turtle Research Intern	1
Business Analyst	1
Business Systems Analyst	1
CRU Staff	1
Call Culture Exposure Research Associate	1
Candid Critters Program Assistant	1
Cell Culture Development Scientist	1
Center Director	1

Table 5: Job Title, *continued*

	N
Chemical Engineer	1
Chemist	1
Clinic Assistant	1
Clinical Assistant	1
Clinical Support Technician	1
Clinical Trial Assistant	3
Clinical/ClinGen Assistant	1
College Adviser	2
Community Health Specialist	1
Compounding Pharmacy Technician	1
Contractor	1
Customer Service Technician	1
Cytogenetic Tech	1
Data Analyst	3
Development Coordinator	1
Educational Leadership Consultant	1
Entomology Field Research Technician	1
Entry Level Geologist	1
Financial Advisor	1
Founder	1
Genomics Technologist	1
High School Chemistry Teacher	1
High School Science Teacher	1
Human Resources Coordinator	1
Intern	2
Internal Auditor	1

Table 5: Job Title, *continued*

	N
International Intern	1
Interpretive Program Coordinator	1
Juicerista	1
Laboratory Assistant	1
Laboratory Technician	1
Leadership Consultant	1
Long Term Temp	1
MTU Technical Associate	1
Math Teacher	1
Medical Assistant	9
Medical Scribe	1
Medical Support Staff Manager	1
Meteorologist	2
Microplastics Project Researcher / Sailboat Crewmember	1
N/A	1
Naval Aviator	1
Naval Special Warfar Operator	1
Nursing Assistant	2
ORISE Fellow	2
Office Manager/ Medical Assistant	1
Office/Clinical Assisting	1
Ophthalmic Technician	1
PLM Lab Analyst	1
Phlebotomist	1
Physicist	1
Post Baccalaureate Fellow	1

Table 5: Job Title, *continued*

	N
Production Manager	1
Professional Associate, SCI Underwriter	1
Program Assistant/Teacher	1
Project Engineer	1
Project Manager	3
Public Health Intern	1
Quality Control Analyst	1
Recruiter	1
Reporter	1
Research Affiliate	1
Research Assistant	4
Research Associate	1
Research Fellow	1
Research Study Assistant	1
Research Technician	4
Research Technician II	1
Resident Services Manager	1
Rotational Development Program Associate	1
Scientist I	1
Software Developer	2
Software Test Engineer	1
Staff Professional	1
Staff Professional Geologist	1
Statistical Programmer	1
Statistical Programming Specialist	2
Statistician	1

Table 5: Job Title, *continued*

	N
Sterilization Intern	1
Student Pilot	1
Supervisor	1
Systems Analyst	1
TBM Associate	1
Teacher	1
Tech Support Engineer	1
Technical Analyst	1
Technical Professional 1	1
Technologist Trainee	1
Technology Analyst	1
Tour Guide	1
Vet Assistant	1
Veterinary Assistant	4
Veterinary Nurse	1
Veterinary Technician Assistant	1
Zookeeper Intern	1

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

	N	%
Internship/externship	40	24.8
Family/friends/classmates/co-workers	36	22.4
Personal connection(s) within the company	28	17.4
LinkedIn	26	16.1
Internet: Other	26	16.1
Campus or college career center center	25	15.5
Career fair at NC State	19	11.8
Applied for job via ePack	17	10.6
Faculty member or found job listing in an NC State dept	15	9.3
Consultation with NC State Career Counselor/Coach	14	8.7
Volunteer work**	14	10.6
Professional society	9	5.6
Student teaching experience	8	5.0
Employer info session on campus	7	4.3
On-campus interviewing	6	3.7
Staffing agency	3	1.9
Co-op experience	2	1.2
Other	10	6.2

*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	108	80.6
Have been accepted but undecided	3	2.2
Have applied, but not yet been accepted	10	7.5
Have not applied but plan to do so within the next year	13	9.7

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
Boston University	1
Campbell University	2
College of Charleston	1
Colorado University Boulder	1
Columbia University	1
Duke University	1
East Carolina University	4
Edward Via College of Osteopathic Medicine	1
Emory University	3
Florida State University	1
Harvard University	1
Howard University	1
Icahn School of Medicine	1
Icahn School of Medicine at Mt. Sinai	1
Johns Hopkins University	2
Kansas City University of Medicine and Biosciences	1

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

	N
Lake Erie College of Osteopathic Medicine	1
Methodist University	2
NC State University	40
Purdue University	1
Ross University	1
Southern College of Optometry	1
Syracuse University	1
The MD Anderson Cancer Center and UTHealth Graduate School	1
The Medical University of South Carolina	1
The Ohio State University	1
UC Berkeley	1
UNC Chapel Hill	5
UNC Charlotte	3
UNC Greensborro	1
University at Albany - SUNY	1
University at Buffalo	1
University of California at Riverside	1
University of Cincinnati	1
University of Edinburgh	1
University of Illinois Urbana-Champaign	1
University of Maryland, Baltimore County	1
University of Maryland, College Park	1
University of Mississippi	1
University of Missouri	1
University of Oregon	1
University of Pennsylvania	1

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

	N
University of Southern California	1
University of Tennessee	1
University of Tennessee Knoxville	1
University of Virginia	2
Virginia Commonwealth University	2
Virginia Tech	1
Virginia-Maryland Regional College of Veterinary Medicine	1
Wake Forest University	1
Western Carolina University	1
Yale University	1

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

	N	%
North Carolina	61	56.5
New York	6	5.6
Virginia	6	5.6
Maryland	4	3.7
South Carolina	3	2.8
Georgia	3	2.8
Tennessee	3	2.8
California	3	2.8
Massachusetts	2	1.9
Missouri	2	1.9
Pennsylvania	2	1.9
Outside United States	2	1.9
Ohio	2	1.9
Colorado	1	0.9

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

	N	%
Florida	1	0.9
District of Columbia	1	0.9
Indiana	1	0.9
Texas	1	0.9
Illinois	1	0.9
Mississippi	1	0.9
Oregon	1	0.9
Connecticut	1	0.9

Table 10: Type of Degree*

	N	%
Master's	50	46.3
Doctoral	30	27.8
Professional	26	24.1
Other	4	3.7

*Respondents could select more than one degree.

Table 11: Master's Degree

	N
M	2
MA	2
MAC	1
MAEd	2
MAT	3
MBA	1
ME	1
MGIST	1
MMB	1

Table 11: Master's Degree, *continued*

	N
MMDS	1
MPH	2
MR	1
MS	25
MSA	4
MSTC	1

Table 12: Doctoral Degree

	N
PhD	30

Table 13: Professional Degree

	N
DDS	2
DO	4
DPT	2
DVM	7
JD	1
MD	2
OD	2
OTD	2
PA	1
PharmD	3

Table 14: Other Degree

	N
Accelerated Bachelor of Nursing Program (BSN)	1
Alternative Teaching Licensure	1
BVMS	1
FNP	1

Table 15: Academic Program/Discipline Enrolled In*

	N
Accounting concentration in Taxation	1
Analytics	3
Applied Mathematics	1
Atmospheric Physics	1
Atmospheric Science	3
Bioinformatics	2
Biomedical Engineering	2
Biostatistics	1
Biostatistics & Bioinformatics	1
Business	1
Cancer Biology	1
Cell and Molecular Biology	1
Chemical Engineering	1
Chemistry	1
Chemistry (Organic)	1
Chemistry PhD	1
Chemistry, PhD	1
College of Optometry	1
DVM program	1

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

	N
Data Science and Business Analytics	1
Dental	1
Dental School	1
Doctor of Physical Therapy	1
Doctoral Program - Atmospheric Sciences	1
Doctorate of Occupational Therapy	1
Doctorate of Physical Therapy	1
Doctorate of Veterinary Medicine	1
ECE	1
Education	1
Elementary Education	1
Functional Genomics and Bioinformatics	1
Genetic Counseling	1
Genetics and Molecular Biology	1
Geospatial Analytics	1
Global Medicine	1
Law	1
MMB	1
MS in statistics	1
MS-w/Thesis - Biology	1
MSTC	1
Marine Biology	1
Marine Geology	1
Master of Public Health	1
Master of Science in Analytics	1
Master's in Genetic Counseling	1

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

	N
Masters in Clinical Mental Health Counseling	1
Masters in Teaching	1
Masters of Science in Analytics	1
Materials Science & Engineering	1
Mathematics	1
Medical School	2
Medical school	2
Medicine	1
Molecular Biology	1
Molecular Diagnostics	1
Molecular and Developmental Biology	1
NC Teach	1
Neuroscience	2
Nursing (ABSN program)	1
Occupational Therapy	1
Oceanography	1
Operations Research	1
Optometry	1
PhD Aerospace Engineering	1
PhD Earth Sciences	1
PhD Statistics	1
Pharm.D	1
Pharmacy School	1
Physician Assistant	1
Physics	3
Physiology	2

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

	N
Psychology	1
Public health	1
School of Pharmacy	1
Science Education	1
Statistics	5
Synthetic Organic Chemistry	1
Teaching	1
Translational Plant Science	1
Veterinary	1
Veterinary Medicine	4
Veterinary medicine	1
applied math	1
financial math	1
institute for advanced analytics	1

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

For more information on the Future Plans Survey contact:

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