

May 2020 Undergraduate Future Plans Survey College of Sciences Summary Report

This report presents summary results from the May 2020 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

- 58% of seniors in COS graduating in spring 2020 responded to the survey
- 26% of respondents in COS said they had obtained a full-time position by graduation
- COS graduates with full-time employment (excluding internships) reported an average starting salary of \$40,091 (median = \$36,250)
- 66% of COS graduates with full-time employment said they would be working in North Carolina (47% in the Research Triangle Area)
- 50% of respondents in COS indicated they were planning to go to graduate/professional school in the year after graduation
- 56% 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 May 2020 graduates in each of the College of Sciences departments. It includes the number of students in the department who graduated in May 2020 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	306	170	55.6%	40	88	23,750	31,250	36,250	32,879	33
Chemistry	22	14	63.6%	5	7	31,250	37,500	46,250	38,750	4
Marine, Earth and Atmospheric Sciences	30	16	53.3%	5	4	36,250	43,750	47,500	41,875	4
Mathematics	50	32	64.0%	11	15	48,750	66,250	76,250	62,321	7
Physics	20	15	75.0%	4	7	40,000	41,250	42,500	41,250	4
Statistics	29	17	58.6%	3	10	**	**	**	**	3
COS Overall	457	264	57.8%	68	131	31,250	36,250	48,750	40,091	55

*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
10X Consulting Group	1
Abercrombie & Fitch	1
AmeriCorps NCCC	1
BB&T	1
Bain Dermatology	1
Bank of America	2
BioAgilytix Labs	2
BioMedomics Inc	1
Brunswick Veterinary Clinic	1
Cary Dermatology	1
Cary Medical Clinic	1
Centene Corporation	1
Central Dermatology Center	1
Covance Inc.	1
Deloitte	1
Deutsche Bank	1
Device Magic	1
Duke	1
Duke University	1
Duke University Medical Center	1
Element Genomics, Inc.	1

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

	N
Enplas Corporation	1
Environmental Protection Agency	1
Epic	1
Five Star Senior Living	1
GRH Development Resources	1
Galloway Ridge	1
Geisinger Medical Group	1
Institute for Medical Research	1
Jumby Bay Hawksbill Project	1
Kansas City Chiefs	1
Labcorp	1
MetLife	1
N/A	2
NC State University	1
National Institute of Environmental Health Sciences (NIEHS)	1
National Institutes of Health	1
National Oceanic and Atmospheric Administration	1
National Park Service	1
Newport News Shipbuilding	2
North Carolina Zoo	1
North Hills Implant & Oral Surgery	1
Novozymes	1
Peace Corps	1
Primary Medical Care	1

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

	N
Raleigh Skin Surgery Center PLLC	1
Sandbar Oyster Company	1
Staples	1
Summerfield Zoo	1
Summit Endocrine & Diabetes	1
Syneos Health	1
Syngenta	1
United States Air Force	3
United States Army	1
United States Marine Corps	1
United States Navy	1
University of Georgia	1
University of Michigan	1
Wake Forest Dermatology	1
Zootastic Park	1

Table 3: Location of Company (state)

	N	%
North Carolina	42	65.6
Virginia	3	4.7
South Carolina	3	4.7
Florida	2	3.1
Ohio	1	1.6
California	1	1.6
Wisconsin	1	1.6
Pennsylvania	1	1.6
Missouri	1	1.6
Maryland	1	1.6
Illinois	1	1.6
Texas	1	1.6
Oklahoma	1	1.6
Mississippi	1	1.6
Georgia	1	1.6
Michigan	1	1.6
Not applicable - Multiple states	1	1.6
Not sure	1	1.6

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

	N	%
Triangle	31	47.0
Outside NC	24	36.4
Other NC	11	16.7

Table 5: Job Title

	N
Accounting Technician	1
Acquisitions Manager	1
Analyst I	2
Animal Management and Research Intern	1
Associate Data Scientist	1
Bioinformatics Assistant	1
Biology Technician Intern	1
Business Analyst	1
Business Development Manager	1
Business Operations Seasonal Assistant	1
Business Process and Performance Analyst	1
Business Technology Analyst	1
CNA	1
Certified Nursing Assistant	1
Client/Server Engineer I	1
Clinic Assistant	1
Clinical Assistant	1
Designer 1	1

Table 5: Job Title, continued

	N
Designer I	1
Direct Procurement Intern	1
FEMA Corps Member	1
Field Director	1
Financial Management Analyst	1
Genetic Counseling Assistant	1
Health Care Admin	1
Health Extension Volunteer	1
Intern	1
Intern/Assistant	1
Lead Intern Coordinator	1
Leader in College Ministry	1
Manager	1
Medical Assistant	7
Meteorologist	1
Naturalist and Sea Turtle Intern	1
PhD Candidate	1
PhD Candidate in Neuroscience	1
Postbaccalaureate IRTA Fellow	1
Postbaccalaureate Research Scholar	1
Print and Marketing Services Supervisor	1
Project Manager	1
Quality Control	1
Quant Summer Analyst	1

Table 5: Job Title, *continued*

	N
Research Assistant II	1
Research Associate	1
Research Technician	3
Rifleman	1
Sales Development Representative	1
Software Developer	1
Statistical Programmer	1
Student Pilot	2
Surgical Assistant	1
Surgical Assistant Extern	1
Technical Associate	1
Technical Solutions Engineer	1
Technology Analyst	1
URL Officer in Training	1
Zookeeper	1

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

	N	%
Family/friends/classmates/co-workers	25	36.8
Internship/externship	24	35.3
Personal connection(s) within the company	17	25.0
LinkedIn	17	25.0
Applied for job via ePack	16	23.5
Volunteer work	10	14.7
Internet: Other	10	14.7
Career fair at NC State	8	11.8
Campus or college career center	7	10.3
Faculty member or found job listing in an NC State dept	7	10.3
Consultation with NC State Career Counselor/Coach	6	8.8
Student teaching experience	4	5.9
Employer found resume on ePack	3	4.4
On-campus interviewing	3	4.4
Employer info session on campus	3	4.4
Staffing agency	3	4.4
Professional society	2	2.9
Other	3	4.4

*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	89	68.5
Have been accepted but undecided	1	0.8
Have applied, but not yet been accepted	14	10.8
Have not applied but plan to do so within the next year	26	20.0

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
Barry University	1
Campbell University	4
Colorado State University	1
Columbia University	2
Drexel University	1
Duke University	2
East Carolina University	1
Emory University	1
Florida International University	1
Florida State University	1
George Mason University	1
Gwynedd Mercy University	1
Harvard University	1
High Point University	1
Kansas State University	1
Lenoir Rhyne University	1
Liberty University	1
Massachusetts Institute of Technology	1
Methodist University	1
Michigan State University	1
NC State University	20
Nova Southeastern University	1
Pennsylvania State University	1
Purdue University	1

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

	N
SUNY	1
Stanford University	1
The University of Alabama at Birmingham	1
Thomas Jefferson University	1
University of Arizona	1
University of California, Davis	1
University of California, Los Angeles	1
University of Colorado Boulder	1
University of Illinois at Urbana-Champaign	1
University of Maryland	3
University of Miami	1
University of Nevada, Reno	1
University of North Carolina at Chapel Hill	16
University of North Carolina at Greensboro	1
University of North Carolina at Wilmington	1
University of Pittsburgh	1
University of Richmond	1
University of Wisconsin-Madison	1
Vanderbilt University	1
Virginia Commonwealth University	1
Wake Forest University	1
Washington University in St. Louis	1
Wayne Community College	1

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

	N	%
North Carolina	50	56.2
Pennsylvania	6	6.7
Florida	5	5.6
Virginia	4	4.5
New York	3	3.4
California	3	3.4
Maryland	3	3.4
Colorado	2	2.2
Massachusetts	2	2.2
Georgia	1	1.1
Kansas	1	1.1
Michigan	1	1.1
Indiana	1	1.1
Alabama	1	1.1
Arizona	1	1.1
Illinois	1	1.1
Nevada	1	1.1
Wisconsin	1	1.1
Tennessee	1	1.1
Missouri	1	1.1

Table 10: Type of Degree Pursuing*

	N	%
Master's	42	47.2
Doctoral	22	24.7
Professional	24	27.0
Other	4	4.5

*Respondents could select more than one degree.

Table 11: Master's Degree

	N
MAT	1
MM	1
MMDS	1
MPH	6
MR	6
MS	24
MSOT	1
Other	1

Table 12: Professional Degree

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

Table 13: Other Degree

	N
ABSN	1
FNP	1
Medical Technologist (MT)	1
Paralegal Certificate	1

Table 14: Academic Program

	N
Analytics	3
Anesthesiology	1
Atmospheric Sciences	1
Biochemistry	1
Biology	1
Biomedical Sciences	2
Biostatistics	2
Biotechnology	1
Business Analytics	3
Cell and Molecular Biology	1
Chemistry	2
Clinical Rehabilitation and Mental Health Counseling	1
Data Analytics Engineering	1
Data Science	1
Dental Surgery	1
Dentistry	2
Ecology	1
Education	1
Electrical Engineering	1
Electrical and Computer Engineering	1
Environment - Sustainable Planning and Management	1
Financial Mathematics	1
Food Science	1
Global Health	1

Table 14: Academic Program, *continued*

	N
Laboratory Science	1
Law	1
Materials Science and Engineering	1
Mathematics	7
Medical Technology	1
Medicine	4
Microbial Biotechnology	1
Microbiology	2
Molecular, Cellular, and Integrative Biosciences	1
Music - Voice Performance	1
Nuclear Science and Engineering	1
Nursing	2
Nutrition	1
Occupational Therapy	1
Optometry	1
Osteopathic Medicine	1
Paralegal Studies	1
Pharmacy	6
Pharmacy / Public Health	1
Physical Therapy	3
Physician Assistant Studies	2
Physics	2
Physiology	3
Planetary Science	1

Table 14: Academic Program, *continued*

	N
Podiatric Medicine	1
Public Health	3
Public Health - Sociomedical Sciences & Health Communication	1
Rangeland Sciences - Environmental Justice	1
Statistics	3
Veterinary Medicine	2

For more information on the Undergraduate Future Plans Survey, contact:

Institutional Strategy and Analysis

Box 7002

NC State University

Phone: (919) 515-6438

Email: studentsurveys@ncsu.edu