

**Combined Future Plans Surveys and Survey of Recent Graduates
Academic Year 2016-2017 Graduates
College of Sciences
Summary Report**

This summary report presents combined results from graduating seniors participating in either the December 2016 or May 2017 Future Plans Survey (FPS) or the follow-up September 2017 Survey of Recent Graduates (SRG) for the College of Sciences.

Department Summaries

The following table provides summary statistics for academic year 2016-2017 graduates in each of the College of Sciences departments. It includes the number of students in the departments who graduated between December 2016 and the second summer session in 2017, as well as the number of those students who submitted the 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 on attending 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 Reported Salary |
|--------------------------------|-------------------|--------------------|---------------|-----------------|---------------------|------------------------|---------------|------------------------|----------------|-------------------|
| Biological Sciences | 401 | 267 | 66.6% | 118 | 95 | 26,250 | 32,500 | 41,250 | 34,537 | 108 |
| Chemistry | 41 | 25 | 61.0% | 10 | 7 | 31,250 | 35,000 | 38,750 | 34,875 | 10 |
| Marine Earth & Atmospheric Sci | 48 | 28 | 58.3% | 13 | 7 | 33,750 | 41,250 | 43,750 | 39,028 | 9 |
| Mathematics | 55 | 30 | 54.5% | 13 | 7 | 41,250 | 56,250 | 73,750 | 58,173 | 13 |
| Physics | 26 | 13 | 50.0% | 3 | 9 | ** | ** | ** | ** | 3 |
| Statistics | 36 | 24 | 66.7% | 12 | 7 | 43,750 | 48,750 | 61,250 | 48,295 | 11 |
| COS Overall | 607 | 387 | 63.8% | 169 | 132 | 26,250 | 33,750 | 46,250 | 38,222 | 154 |

*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 |
| Advanced Testing Laboratory | 1 |
| Amazon | 1 |
| AmeriCorps | 1 |
| Anson County Schools | 1 |
| Antech Diagnostics GLP | 1 |
| Atlantic Spine and Pain | 1 |
| AveXis | 1 |
| BASF | 1 |
| Bain Dermatology | 1 |
| Bausch + Lomb | 1 |
| Biogen | 2 |
| BorgWarner | 1 |
| Broadreach | 1 |
| Burleson Research Technologies | 1 |
| CBN Lab Consulting | 1 |
| CData Software | 1 |
| CSG International | 1 |
| CVS | 1 |
| Camp Willow Run | 1 |
| Carmel Christian School | 1 |

Table 2: Name of Company/Organization

| | N |
|--|---|
| Carolina Center for Eye Care | 1 |
| Carolina Livery | 1 |
| Carolina Neurosurgery and Spine Associates | 1 |
| Cary Dermatology | 1 |
| Century Furniture | 1 |
| Charlotte-Mecklenburg Police Department | 1 |
| Clinical Pathways | 1 |
| Conservancy of Southwest Florida | 2 |
| Credit Suisse | 1 |
| Cru | 1 |
| Discca | 1 |
| Duke Health | 1 |
| Duke Human Vaccine Institute | 2 |
| Duke Neurobiology | 1 |
| Duke University | 2 |
| Duke University Medical Center | 2 |
| Duke University School of Medicine | 1 |
| ECS | 1 |
| ENCO Pharmaceutical Development, Inc | 1 |
| Ei SolutionWorks | 1 |
| Engineering Consulting Services | 1 |
| Eurofins | 2 |
| FAST Enterprises | 1 |

Table 2: Name of Company/Organization

| | N |
|---------------------------------------|---|
| Fast Enterprises | 1 |
| Fidelity Investments | 1 |
| First Citizens Bank | 1 |
| Five Guys | 1 |
| Foundation Medicine, Inc. | 1 |
| Genomic Health | 1 |
| Golden Leaf BTEC center | 1 |
| Golder | 1 |
| Henry M Jackson Foundation | 1 |
| Hospital | 1 |
| Humacyte | 1 |
| IEH Laboratories Consulting and Group | 1 |
| INC Research | 1 |
| Institute for Medical Research | 1 |
| Jiangnan University | 1 |
| Joel Slaven's Professional Animals | 1 |
| Johnston County EMS | 1 |
| Kaua'i Forest Bird Recovery Project | 1 |
| Kryoshere | 1 |
| LabArchives | 1 |
| LabCorp | 4 |
| LifeNet Health | 1 |
| Lonnie Poole Golf Course | 1 |

Table 2: Name of Company/Organization

| | N |
|--|---|
| Lonza | 1 |
| Mathnasium | 1 |
| McNutt Orthodontics | 1 |
| MedScribes | 3 |
| Medfusion | 1 |
| MetaLube | 1 |
| Miracle Ear | 1 |
| Mount Sinai Toronto Hospital | 1 |
| NASA | 1 |
| NC Department of Health & Human Services | 1 |
| NC State University | 9 |
| NIEHS | 2 |
| National Institute of Health | 1 |
| Netsertive | 1 |
| North State Medical Transport | 1 |
| Novozymes | 2 |
| OpAns | 1 |
| Paramount Die Company | 1 |
| Paws at Play | 1 |
| Peace Corps | 1 |
| Pfizer | 2 |
| Pharmaceutical Product Development | 2 |
| Piedmont Geologic | 1 |

Table 2: Name of Company/Organization

| | N |
|--|---|
| Premier Electric | 1 |
| Primary Medical Care | 1 |
| Procter & Gamble | 1 |
| QuintilesIMS | 9 |
| RTI International | 1 |
| Raleigh Associated Medical Specialists | 1 |
| Raleigh Neurology | 2 |
| SAS | 1 |
| ScitoVation | 1 |
| ScribeAmerica | 1 |
| SeaWorld | 1 |
| Senior Helpers | 1 |
| Siemens | 1 |
| Silk Therapeutics | 1 |
| Syngenta | 1 |
| Teaching Horse | 1 |
| Tergus Pharma | 1 |
| The National Institute of Health | 1 |
| Triangle Divorce Lawyers | 1 |
| Triumvirate Environmental | 1 |
| Tyson Animal Hospital | 1 |
| UCB Biosciences Inc. | 1 |
| UNC Chapel Hill | 4 |

Table 2: Name of Company/Organization

| | N |
|---------------------------------------|---|
| UNC REX Healthcare | 1 |
| US Army | 1 |
| US Census Bureau | 1 |
| US Department of Defense | 1 |
| US Navy | 1 |
| United Therapeutics | 2 |
| Vevo | 1 |
| WAFF News | 1 |
| Wake County Public Schools | 1 |
| Wake Forest Dermatology | 1 |
| Walmart | 1 |
| Wells Fargo | 1 |
| Young Adults in Global Mission (YAGM) | 1 |
| Zoo Miami | 1 |

Table 3: Location of Company (state)

| | N | % |
|----------------|-----|------|
| North Carolina | 131 | 80.9 |
| Florida | 5 | 3.1 |
| Maryland | 5 | 3.1 |
| Not sure | 3 | 1.9 |
| Illinois | 2 | 1.2 |
| Virginia | 2 | 1.2 |
| Texas | 2 | 1.2 |
| New Hampshire | 1 | 0.6 |
| Ohio | 1 | 0.6 |
| Washington | 1 | 0.6 |
| Montana | 1 | 0.6 |
| South Carolina | 1 | 0.6 |
| California | 1 | 0.6 |
| Hawaii | 1 | 0.6 |
| Pennsylvania | 1 | 0.6 |
| Delaware | 1 | 0.6 |
| Kentucky | 1 | 0.6 |
| New York | 1 | 0.6 |
| Alabama | 1 | 0.6 |

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

| | N | % |
|------------|----|------|
| Triangle | 97 | 60.2 |
| Outside NC | 33 | 20.5 |
| Other NC | 31 | 19.3 |

Table 5: Job Title

| | N |
|---|---|
| Administrative Assistant | 1 |
| Administrative Histology Lab Assistant | 1 |
| Advanced Level Research Technician | 1 |
| Animal Care Technician | 1 |
| Animal Trainer | 1 |
| Associate Operations Data Analyst | 1 |
| Associate Programmer | 1 |
| Associate Scientist | 2 |
| Associate Software Engineer | 1 |
| Associate Technical Training Consultant | 1 |
| Biochemical Technologist | 1 |
| Biological Analyst | 1 |
| Biologist-Biomarker | 1 |
| Biomanufacturing Training Associate | 2 |
| Bioprocess Engineer | 1 |
| Biorepository Technician I | 1 |
| CNA | 1 |

Table 5: Job Title, *continued*

| | N |
|--|---|
| CPO | 1 |
| Cell culture technician | 1 |
| Certified Nurses Assistant | 1 |
| Certified Nursing Assistant | 1 |
| Chemist | 1 |
| Clinical Trials Assistant | 4 |
| College Transition Specialist | 1 |
| Construction worker | 1 |
| Consultant | 2 |
| Corps Member | 1 |
| Customer Service Rep | 1 |
| Data Analysis Coordinator | 1 |
| Data Entry/Accessioning Technician | 1 |
| Data Technician | 2 |
| EMT | 1 |
| EMT-b | 1 |
| Educational Director | 1 |
| Ensign Student Naval Flight Officer (1370) | 1 |
| Environmental Specialist | 1 |
| Environmental education and husbandry | 1 |
| Equine Specialist | 1 |
| Field Technician | 1 |
| Financial Analyst | 2 |

Table 5: Job Title, *continued*

| | N |
|--|----------|
| Formulating Chemist | 1 |
| Geologist | 3 |
| Geotechnical Field Technician | 1 |
| Hearing Specialist | 1 |
| High School Math Teacher | 1 |
| Husbandry Asssistant | 1 |
| IRTA | 1 |
| Implementation Consultant | 2 |
| Inside Sales Representative and Sample Product Regulation Technician | 1 |
| Intern | 3 |
| Kennel Assistant | 1 |
| Kennel Technician | 1 |
| Lab Analyst | 1 |
| Lab Assistant | 1 |
| Lab Manager | 1 |
| Lab Technician | 1 |
| Lab Technician 2 | 1 |
| Lab Technologist Trainee | 1 |
| Laboratory Technican | 1 |
| Library Technician | 1 |
| Maintenance | 1 |
| Manufacturing Associate I | 1 |
| Marine | 1 |

Table 5: Job Title, *continued*

| | N |
|---|---|
| Medical Assistant | 4 |
| Medical Assistant & FlyWheel Instructor | 1 |
| Medical Laboratory Technologist | 1 |
| Medical Scribe | 8 |
| Medical Writing Specialist | 1 |
| Meteorologist | 1 |
| Microbiology Analyst | 1 |
| Microbiology Technician | 2 |
| Nanny | 1 |
| Office Coordinator | 1 |
| Operations Reporting Analyst | 1 |
| Owner | 1 |
| Paralegal | 1 |
| Pharm Tech | 1 |
| Phone Operator | 1 |
| Physical therapy Office Administrator | 1 |
| Post-baccalaureate | 1 |
| Post-baccalaureate IRTA | 1 |
| PostBac IRTA Fellow | 1 |
| Pre-Dental Intern | 1 |
| Program Assistant | 1 |
| Project Analyst | 1 |
| Project Assistant | 1 |

Table 5: Job Title, *continued*

| | N |
|---|----|
| Project Specialist | 1 |
| Python Research Intern | 1 |
| Quality Assurance Associate I | 1 |
| Quality Control Associate | 1 |
| Quality Control Lab Technician | 1 |
| Quality Control Technician | 2 |
| Research Assistant | 1 |
| Research Associate | 2 |
| Research Student Assistant | 1 |
| Research Technician | 10 |
| Research Technician 2 | 2 |
| SAP Analyst | 1 |
| STINT Intern (short-term international trip intern) | 1 |
| Safety Administrator II | 1 |
| Sales Analyst | 1 |
| Sample Accessioning Technician | 1 |
| Scientific Affairs Associate | 1 |
| Scientist I | 1 |
| Seasonal Field Technician/Biologist | 1 |
| Senior Chemical Quality Chemist | 1 |
| Setup Clerk | 1 |
| Software Engineer | 1 |
| Statistical Programmer 1 | 1 |

Table 5: Job Title, *continued*

| | N |
|---|---|
| Statistical Programmer I | 1 |
| Statistician | 2 |
| Supply Chain Associate | 1 |
| Support Engineer | 2 |
| Support Instructor | 1 |
| Survey Statistician | 1 |
| Teacher | 1 |
| Team member | 1 |
| Technician | 1 |
| Technologist Trainee | 1 |
| Upper Level Math Teacher | 1 |
| VISTA for Child and Family Ombudsman | 1 |
| Vet Technician | 1 |
| Veterinary Technician | 1 |
| Visiting Scholar | 1 |
| Young Adults in Global Mission (YAGM) Volunteer | 1 |

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

| | N | % |
|---|----|------|
| Internet (excluding LinkedIn) | 51 | 30.2 |
| Family/friends/classmates/co-workers | 40 | 23.7 |
| LinkedIn | 38 | 22.5 |
| Campus or college career center | 36 | 21.3 |
| Internship/externship | 35 | 20.7 |
| Applied for job via ePack | 31 | 18.3 |
| Personal connection(s) within the company | 28 | 16.6 |
| Career fair at NC State | 21 | 12.4 |
| Consultation with NCSU Career Counselor/Coach | 17 | 10.1 |
| On-campus interviewing | 15 | 8.9 |
| Faculty member or found job listing in an NC State dept | 15 | 8.9 |
| Staffing agency | 14 | 8.3 |
| Professional society | 10 | 5.9 |
| Employer info session on campus | 6 | 3.6 |
| Student teaching experience | 5 | 3.0 |
| Employer found resume on ePack | 4 | 2.4 |
| Career fair off campus | 2 | 1.2 |
| Other | 14 | 8.3 |

*Respondents could select more than one resource.

Further Education (college overall)

Information on graduate/professional school name, school location, and degree pursuing 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 definitely knew where they would be going.

Table 7: Name of Graduate/Professional School Students will be Attending

| | N |
|--|---|
| Boston University | 1 |
| Campbell University | 2 |
| Carnegie Mellon University | 1 |
| Clarkson University | 1 |
| Clemson University | 2 |
| DePaul University | 1 |
| Duke University | 5 |
| East Carolina University | 5 |
| East Tennessee State University | 1 |
| Edward Via College of Osteopathic Medicine | 1 |
| Emory University | 1 |
| George Washington University | 1 |
| Harvard | 1 |
| Indiana State University | 1 |
| Life University | 1 |
| Marshall University | 1 |
| Methodist University | 1 |
| Michigan State University | 1 |
| Midwestern University | 2 |

Table 7: Name of Graduate/Professional School Students will be Attending, *continued*

| | N |
|--|----|
| NC State University | 22 |
| New York University | 1 |
| North Carolina A&T State University | 1 |
| North Carolina Central University | 1 |
| Ohio State University | 1 |
| Oklahoma State University | 1 |
| Oregon State University | 1 |
| Pennsylvania College of Optometry | 1 |
| Radford University | 1 |
| Ross University School of Medicine | 1 |
| Rutgers University | 1 |
| St. George's University | 2 |
| Tufts University School of Dental Medicine | 1 |
| UNC Chapel Hill | 9 |
| UNC Eshelman School of Pharmacy | 1 |
| UNC Wilmington | 1 |
| University College London | 1 |
| University of Chicago | 1 |
| University of Colorado School of Medicine | 1 |
| University of Colorado at Denver | 1 |
| University of Illinois at Urbana-Champaign | 1 |
| University of Kansas | 1 |
| University of Maryland School of Medicine | 1 |

Table 7: Name of Graduate/Professional School Students will be Attending, *continued*

| | N |
|---|---|
| University of Maryland, College Park | 1 |
| University of Michigan - Ann Arbor | 1 |
| University of Minnesota | 1 |
| University of Oklahoma | 1 |
| University of South Carolina | 1 |
| University of Sydney | 1 |
| University of Texas Health at San Antonio | 1 |
| University of Virginia | 1 |
| University of Washington | 1 |
| University of West Florida | 1 |
| Vanderbilt University | 1 |
| Wake Forest University | 1 |
| Wingate University | 3 |
| Winston-Salem State University | 1 |

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

| | N | % |
|-----------------------|----|------|
| North Carolina | 51 | 52.6 |
| Outside United States | 5 | 5.2 |
| South Carolina | 4 | 4.1 |
| Illinois | 4 | 4.1 |
| Massachusetts | 3 | 3.1 |
| Pennsylvania | 2 | 2.1 |

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

| | N | % |
|----------------------|---|-----|
| New York | 2 | 2.1 |
| Tennessee | 2 | 2.1 |
| Georgia | 2 | 2.1 |
| Michigan | 2 | 2.1 |
| Oklahoma | 2 | 2.1 |
| Virginia | 2 | 2.1 |
| Colorado | 2 | 2.1 |
| Maryland | 2 | 2.1 |
| District of Columbia | 1 | 1.0 |
| Indiana | 1 | 1.0 |
| West Virginia | 1 | 1.0 |
| Arizona | 1 | 1.0 |
| Ohio | 1 | 1.0 |
| Oregon | 1 | 1.0 |
| New Jersey | 1 | 1.0 |
| Kansas | 1 | 1.0 |
| Minnesota | 1 | 1.0 |
| Texas | 1 | 1.0 |
| Washington | 1 | 1.0 |
| Florida | 1 | 1.0 |

Table 9: Type of Degree*

| | N | % |
|--------------|----|------|
| Master's | 39 | 39.0 |
| Doctoral | 25 | 25.0 |
| Professional | 35 | 35.0 |
| Other | 2 | 2.0 |

*Respondents could select more than one degree.

Table 10: Master's Degree

| | N |
|------|----|
| MAEd | 1 |
| MAT | 1 |
| MHA | 1 |
| MHS | 1 |
| MMB | 1 |
| MOP | 1 |
| MPH | 3 |
| MR | 1 |
| MS | 27 |
| MSEE | 1 |
| MSOT | 1 |

Table 11: Doctoral Degree

| | N |
|-----|----|
| PhD | 25 |

Table 12: Professional Degree

| | N |
|-----------------------|---|
| DC | 1 |
| DDS | 3 |
| DO | 3 |
| DPT | 4 |
| DVM | 6 |
| JD | 1 |
| MD | 9 |
| OD | 1 |
| PharmD | 6 |
| Physician's Assistant | 1 |

Table 13: Other Degree

| | N |
|----------------------|---|
| Graduate certificate | 1 |

Table 14: Academic Program/Discipline Enrolled In*

| | N |
|---|---|
| Analytics | 1 |
| Applied math | 1 |
| Atmospheric Science | 2 |
| Biology: Ecology and Evolution, Department of Applied Ecology | 1 |
| Biomanufacturing | 1 |
| Biomechanics | 1 |
| Biomedical Sciences | 1 |
| Biomedical Sciences - Microbiology/Immunology Concentration | 1 |
| Biostatistics | 1 |
| Chemistry | 2 |
| Chemistry PhD | 1 |
| College of Dentistry | 1 |
| College of Veterinary Medicine - DVM | 1 |
| College of chiropractic | 1 |
| Communication Disorders | 1 |
| Comparative Biomedical Sciences | 1 |
| Crop and Soil Science | 1 |
| Data science | 1 |
| Dentistry | 1 |
| Doctor of Pharmacy (PharmD) | 1 |
| Doctor of Physical Therapy | 2 |
| Doctor of Veterinary Medicine | 3 |

Table 14: Academic Program/Discipline Enrolled In*, *continued*

| | N |
|---|---|
| Doctorate Physical Therapy | 1 |
| Doctorate of Optometry | 1 |
| Ecology and Evolutionary Biology | 1 |
| Economics | 1 |
| Education | 1 |
| Environmental Sciences | 1 |
| Epidemiology and Human Genetics- Human Genetics Concentration | 1 |
| Genetics and Molecular Biology | 1 |
| Genomic advocacy | 1 |
| Geology | 1 |
| Health Administration (MHA) | 1 |
| Health and Human Performance | 1 |
| Hydrogeology | 1 |
| Law | 1 |
| M.D. Program | 1 |
| MD | 1 |
| MFS in Forensic Molecular Biology | 1 |
| MPH Applied Biostatistics | 1 |
| MS Biostatistics | 1 |
| MS in Health Informatics | 1 |
| Marine Biology | 1 |
| Marine Science | 1 |
| Master of Kinesiology | 1 |

Table 14: Academic Program/Discipline Enrolled In*, *continued*

| | N |
|--|---|
| Master of Microbial Biotechnology | 1 |
| Master of Physician Assistant Studies | 1 |
| Master of Physiology | 1 |
| Master of Science in Genetic Counseling Program @ USC School of Medicine | 1 |
| Master of public health | 1 |
| Master's in Speech Language Pathology | 1 |
| Masters in geosciences, paleontology | 1 |
| Masters of Physiology | 2 |
| Math | 1 |
| Mathematics | 2 |
| Mathematics PhD | 1 |
| Medical | 1 |
| Medical School | 2 |
| Medical program | 1 |
| Medicine | 2 |
| Mental Health Counseling - Clinical | 1 |
| Neuroscience | 1 |
| Nuclear Physics | 1 |
| Occupational Therapy | 1 |
| Organic chemistry | 1 |
| Osteopathic Medicine | 1 |
| Pharmacy | 4 |
| Pharmacy School - Pharm D program | 1 |

Table 14: Academic Program/Discipline Enrolled In*, *continued*

| | N |
|-------------------------|---|
| Physical Therapy | 1 |
| Physician Assistant | 1 |
| Physics | 5 |
| Physics Masters Program | 1 |
| School of Dentistry | 1 |
| School of Medicine | 1 |
| School of nursing | 1 |
| Statistics | 2 |
| Veterinary Medicine | 1 |
| Veterinary school | 1 |
| Zoology | 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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