

May 2019 Graduate Future Plans Survey

College Comparisons (Doctoral Degree Recipients)

This report presents results from the May 2019 Graduate Future Plans Survey, by college, for students graduating with a doctoral degree. Separate reports on the survey methods, overall results, departmental summaries, as well as a copy of the questionnaire, can be found on the [OIRP website](#).

Table 1: Response Rate, by College (Doctoral Degree Recipients)

College/School	May 2019 Graduating Doctoral Students	Percent of Population	Survey Respondents	Percent of Survey Respondents	Response Rate
College of Agriculture & Life Sciences	35	16.1%	22	14.5%	62.9%
College of Design*	1	0.5%	1	0.7%	100.0%
College of Education	38	17.5%	33	21.7%	86.8%
College of Engineering	71	32.7%	49	32.2%	69.0%
College of Natural Resources*	5	2.3%	2	1.3%	40.0%
College of Humanities & Social Sciences	14	6.5%	9	5.9%	64.3%
College of Sciences	38	17.5%	25	16.4%	65.8%
Wilson College of Textiles	11	5.1%	9	5.9%	81.8%
College of Veterinary Medicine*	4	1.8%	2	1.3%	50.0%
Poole College of Management	0	0.0%	0	0.0%	.
Total	217	100.0%	152	100.0%	70.0%

*In order to protect respondent confidentiality, breakouts are not provided for colleges with fewer than five graduates responding to the survey. However, responses for all graduates are included in overall results.

Table 2: Primary Plans Following Graduation, by College*

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Have signed contract or made definite commitment for employment	80.9%	68.2%	93.9%	83.7%	88.9%	68.0%	66.7%
Currently seeking employment or planning to do so in the next year	24.3%	31.8%	18.2%	20.4%	11.1%	32.0%	33.3%
Planning to pursue another degree program	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Do not plan to work or study	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	11.1%
Other plans	2.6%	4.5%	3.0%	2.0%	0.0%	0.0%	11.1%
Total	152	22	33	49	9	25	9

*Respondents could indicate more than one type of activity.

Post-Graduate Employment

The first part of this section of the report focuses specifically on the responses of those doctoral students who indicated they had obtained a full-time position. We then look briefly at information provided by those who said they were actively seeking but had not yet found a position or were in the process of negotiation, and finally at those who said they had not yet begun their job search.

Full-Time Employment

Table 3: Full- or Part-Time Employment, by College (among those securing any type of employment)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Full-time	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Part-time	.	.	.	.	.	.	.
Total	122	15	31	41	8	16	6

Table 4: History with Employer: New or Continuing Employment, by College (full-time employees only)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Continuing at a place of employment obtained while pursuing current degree	40.2%	40.0%	51.6%	36.6%	75.0%	6.3%	50.0%
Returning to or continuing at a place of employment had before pursuing current degree	16.4%	13.3%	38.7%	12.2%	.	.	.
Starting a new position with a new employer to begin after graduation	43.4%	46.7%	9.7%	51.2%	25.0%	93.8%	50.0%
Total	122	15	31	41	8	16	6

Table 5: When Started Looking for a Job, by College (among full-time employees working at a place of employment obtained at time of graduation or during graduate program)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
12 or more months before graduation	31.3%	46.2%	58.8%	20.6%	71.4%	6.3%	.
9-11 months before graduation	19.8%	23.1%	17.6%	11.8%	.	50.0%	.
6-8 months before graduation	29.2%	15.4%	5.9%	41.2%	28.6%	37.5%	40.0%
3-5 months before graduation	14.6%	7.7%	11.8%	20.6%	.	6.3%	60.0%
1-2 months before graduation	4.2%	7.7%	5.9%	5.9%	.	.	.
Less than one month before graduation	1.0%	.	.	.	.	.	.
Total	96	13	17	34	7	16	5

Table 6: Number of Positions Interviewed For, by College (among full-time employees working at a place of employment obtained at time of graduation or during graduate program)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
None	8.3%	7.7%	11.8%	5.7%	.	6.3%	20.0%
One	27.1%	30.8%	29.4%	28.6%	33.3%	18.8%	20.0%
Two	21.9%	30.8%	29.4%	20.0%	.	25.0%	20.0%
Three	15.6%	7.7%	11.8%	14.3%	16.7%	31.3%	.
Four	6.3%	7.7%	17.6%	2.9%	.	.	.
Five or six	12.5%	15.4%	.	17.1%	33.3%	.	40.0%
Seven or eight	2.1%	.	.	5.7%	.	.	.
Nine or ten	0.0%	.	.	.	.	.	.
More than ten	6.3%	.	.	5.7%	16.7%	18.8%	.
Total	96	13	17	35	6	16	5

Table 7: Number of Job Offers, by College (among full-time employees working at a place of employment obtained at time of graduation or during graduate program)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Only job offer	62.8%	66.7%	62.5%	62.9%	57.1%	68.8%	40.0%
One additional job offer	18.1%	.	31.3%	17.1%	28.6%	18.8%	.
Two additional job offers	11.7%	25.0%	6.3%	5.7%	.	12.5%	60.0%
Three or more additional job offers	7.4%	8.3%	.	14.3%	14.3%	.	.
Total	94	12	16	35	7	16	5

Table 8: When Received Accepted Job Offer, by College (among full-time employees working at a place of employment obtained at time of graduation or during graduate program)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
12 or more months before graduation	12.5%	16.7%	29.4%	8.6%	28.6%	.	.
9-11 months before graduation	9.4%	25.0%	17.6%	5.7%	14.3%	.	.
6-8 months before graduation	11.5%	.	17.6%	14.3%	.	12.5%	20.0%
3-5 months before graduation	39.6%	41.7%	17.6%	37.1%	42.9%	56.3%	40.0%
1-2 months before graduation	20.8%	16.7%	5.9%	28.6%	14.3%	25.0%	40.0%
Less than one month before graduation	6.3%	.	11.8%	5.7%	.	6.3%	.
Total	96	12	17	35	7	16	5

Table 9: Helpful Resources in Job Search, by College (among full-time employees working at a place of employment obtained at time of graduation or during graduate program)*

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
NC State faculty member	47.1%	53.8%	31.6%	52.8%	37.5%	56.3%	33.3%
Personal/professional connection(s) within the company	25.5%	38.5%	21.1%	25.0%	12.5%	18.8%	50.0%
Professional association (members, conferences, publications, etc.)	25.5%	38.5%	15.8%	19.4%	25.0%	37.5%	50.0%
Family/friends/classmates/co-workers	16.7%	0.0%	21.1%	25.0%	0.0%	12.5%	16.7%
Internet: LinkedIn	16.7%	7.7%	5.3%	25.0%	25.0%	12.5%	16.7%
Internship/externship	13.7%	15.4%	0.0%	27.8%	12.5%	6.3%	0.0%
Internet (Other)	9.8%	23.1%	10.5%	5.6%	25.0%	6.3%	0.0%
Student teaching experience	8.8%	15.4%	0.0%	11.1%	0.0%	18.8%	0.0%
Optional Practical Training (OPT)	7.8%	23.1%	0.0%	11.1%	0.0%	6.3%	0.0%
Campus or college career center	5.9%	7.7%	0.0%	5.6%	0.0%	12.5%	16.7%
On-campus interviewing	3.9%	0.0%	5.3%	5.6%	0.0%	0.0%	0.0%
Employer info session on campus	3.9%	7.7%	0.0%	2.8%	0.0%	6.3%	16.7%
Co-op experience	3.9%	0.0%	0.0%	11.1%	0.0%	0.0%	0.0%
Consultation w/ NCSU Career Counselor/Coach	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	16.7%
Career fair at NC State	2.0%	0.0%	0.0%	2.8%	0.0%	6.3%	0.0%
Applied for job via ePACK	1.0%	0.0%	0.0%	2.8%	0.0%	0.0%	0.0%
Employer found resume on ePACK	1.0%	0.0%	0.0%	2.8%	0.0%	0.0%	0.0%
Career fair off campus	1.0%	0.0%	0.0%	0.0%	0.0%	6.3%	0.0%
Volunteer work	1.0%	7.7%	0.0%	0.0%	0.0%	0.0%	0.0%
Clinical placement	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Staffing agency	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Other	10.8%	15.4%	10.5%	2.8%	0.0%	6.3%	66.7%
None of the above	10.8%	7.7%	26.3%	5.6%	12.5%	6.3%	0.0%
Total	102	13	19	36	8	16	6

*Respondents could select more than one resource.

Table 10: Job Promotion, by College (among full-time employees continuing in place of employment had prior to graduation)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Salary increase	22.1%	12.5%	42.9%	5.0%	20.0%	.	.
Promotion/title change	1.5%	.	3.6%	.	.	.	.
Both a salary increase and promotion/title change	22.1%	37.5%	7.1%	35.0%	20.0%	.	.
None of the above	54.4%	50.0%	46.4%	60.0%	60.0%	100.0%	100.0%
Total	68	8	28	20	5	1	3

Table 11: Employment Sector, by College (full-time employees only)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Education: U.S. 4-year college or university other than medical school	32.0%	46.7%	35.5%	22.0%	25.0%	43.8%	33.3%
Education: U.S. medical school (including university-affiliated hospital or medical school)	3.3%	.	3.2%	2.4%	.	6.3%	.
Education: U.S. university-affiliated research institute	4.9%	.	3.2%	4.9%	.	12.5%	.
Education: U.S. community or two-year college	6.6%	6.7%	19.4%	2.4%	.	.	.
Education: U.S. preschool, elementary, middle, secondary school or school system	6.6%	.	22.6%	.	12.5%	.	.
Education: Foreign educational institution	1.6%	.	.	2.4%	.	6.3%	.
Government: U.S. federal government	5.7%	6.7%	.	9.8%	.	12.5%	.
Government: U.S. state government	2.5%	6.7%	6.5%	.	.	.	.
Government: U.S. local government	0.0%	.	.	.	.	.	.
Government: Foreign government	1.6%	13.3%	.	.	.	.	.
Private Sector: Not for profit organization	2.5%	.	3.2%	.	12.5%	6.3%	.
Private Sector: Industry (for profit)	30.3%	20.0%	3.2%	56.1%	37.5%	12.5%	50.0%
Self-Employed	0.8%	.	.	.	.	.	16.7%
Other	1.6%	.	3.2%	.	12.5%	.	.
Total	122	15	31	41	8	16	6

Table 12: Postgraduate Training Position, by College (full-time employees only)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Postdoctoral research position	27.0%	33.3%	.	31.7%	.	62.5%	16.7%
Clinical residency	0.0%	.	.	.	.	.	.
Internship	0.0%	.	.	.	.	.	.
None of the above	73.0%	66.7%	100.0%	68.3%	100.0%	37.5%	83.3%
Total	122	15	31	41	8	16	6

Table 13: Industry, by College (full-time employees only)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Aerospace	1.7%	.	.	4.9%	.	.	.
Agriculture	3.3%	28.6%	.	.	.	.	.
Biotechnology	0.8%	7.1%	.	.	.	.	.
Computer Software/Hardware	4.2%	.	.	9.8%	.	6.3%	.
Consulting	1.7%	.	.	.	.	6.3%	.
Consumer Products	0.8%	.	.	.	.	.	16.7%
Counseling	1.7%	.	6.5%	.	.	.	.
Design	0.8%	.	.	.	.	.	.
Education	35.0%	21.4%	80.6%	14.6%	37.5%	25.0%	16.7%
Electronics	1.7%	.	.	4.9%	.	.	.
Engineering	9.2%	.	.	24.4%	.	.	16.7%
Environment/Sustainability	0.8%	7.1%	.	.	.	.	.
Food Science	0.8%	7.1%	.	.	.	.	.
Government	3.3%	14.3%	3.2%	2.4%	.	.	.
Health Care	3.3%	.	3.2%	7.3%	.	.	.
Insurance	0.8%	.	3.2%	.	.	.	.
Marketing	0.8%	.	.	.	12.5%	.	.
Materials - Plastics, Metals, Ceramics	1.7%	.	.	2.4%	.	.	16.7%
Non-Profit/Philanthropy	2.5%	.	3.2%	.	12.5%	6.3%	.
Research	16.7%	14.3%	.	14.6%	12.5%	56.3%	.
Retail/Merchandising	1.7%	.	.	2.4%	.	.	16.7%
Start-up	1.7%	.	.	2.4%	.	.	16.7%
Technology	4.2%	.	.	7.3%	25.0%	.	.
Telecommunications	0.8%	.	.	2.4%	.	.	.
Total	120	14	31	41	8	16	6

Table 14: Job Function, by College (full-time employees only)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Actuarial/Statistical & Data Analysis	0.8%	.	.	2.4%	.	.	.
Administrative	5.9%	.	22.6%	.	.	.	.
Agronomy/Plant/Crop Science	0.8%	7.7%	.	.	.	.	.
Analyst	1.7%	.	.	2.4%	12.5%	.	.
Animal/Veterinary	0.8%	7.7%	.	.	.	.	.
Bio/Ag Engineering	0.8%	7.7%	.	.	.	.	.
Consulting	2.5%	.	3.2%	.	.	6.7%	.
Counseling - School/Agency/College	1.7%	.	6.5%	.	.	.	.
Database Management	0.8%	.	.	.	12.5%	.	.
Design - Engineering	0.8%	.	.	2.4%	.	.	.
Education/Teaching/Curriculum Development	16.1%	.	32.3%	7.3%	12.5%	20.0%	16.7%
Engineering	16.1%	.	.	43.9%	.	6.7%	.
Extension/Education	1.7%	15.4%	.	.	.	.	.
Food Science/Nutrition	0.8%	7.7%	.	.	.	.	.
Government	1.7%	15.4%	.	.	.	.	.
Human Health/Medical	0.8%	.	3.2%	.	.	.	.
Human Resources	1.7%	.	3.2%	.	12.5%	.	.
Human/Social Services	0.8%	.	.	.	12.5%	.	.
Management	1.7%	.	3.2%	.	.	.	16.7%
Manufacturing/Production/Development	0.8%	.	.	2.4%	.	.	.
Media/Journalism	0.8%	.	.	.	12.5%	.	.
Non Profit	1.7%	.	6.5%	.	.	.	.
Operations	0.8%	.	3.2%	.	.	.	.
Product Development/Management	0.8%	.	.	.	.	.	16.7%
Project Management	0.8%	.	3.2%	.	.	.	.
Research & Development	14.4%	23.1%	6.5%	17.1%	.	20.0%	33.3%
Science - Life/Physical Science	0.8%	.	.	.	.	6.7%	.
Scientific Research	12.7%	15.4%	3.2%	9.8%	12.5%	33.3%	.
Software Development	3.4%	.	.	9.8%	.	.	.
Training & Development	0.8%	.	3.2%	.	.	.	.
Web Design/Development	0.8%	.	.	.	12.5%	.	.
Writing/Editing/Translation	0.8%	.	.	2.4%	.	.	.
Other	0.8%	.	.	.	.	6.7%	.
Not sure	0.8%	.	.	.	.	.	16.7%
Total	118	13	31	41	8	15	6

Table 15: Relationship of Job to Graduate Program, by College (full-time employees only)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Directly related	87.7%	93.3%	83.9%	87.8%	75.0%	87.5%	100.0%
Somewhat related	10.7%	6.7%	12.9%	12.2%	25.0%	6.3%	.
Not at all related (by choice)	0.8%	.	.	.	.	6.3%	.
Not at all related (not by choice)	0.8%	.	3.2%	.	.	.	.
Total	122	15	31	41	8	16	6

Table 16: Satisfaction with Job, by College (full-time employees only)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Very Satisfied	54.2%	66.7%	54.8%	47.5%	71.4%	56.3%	33.3%
Satisfied	33.3%	26.7%	25.8%	37.5%	28.6%	43.8%	50.0%
Neutral	10.0%	6.7%	12.9%	12.5%	.	.	16.7%
Dissatisfied	2.5%	.	6.5%	2.5%	.	.	.
Very Dissatisfied	0.0%	.	.	.	.	.	.
Total	120	15	31	40	7	16	6

Table 17: Job Location, by College (in or out of the Triangle; full-time employees only)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Triangle	35.6%	26.7%	45.2%	35.0%	50.0%	18.8%	33.3%
Other N.C.	14.4%	20.0%	35.5%	2.5%	16.7%	6.3%	.
In U.S. outside N.C.	45.8%	40.0%	19.4%	57.5%	33.3%	68.8%	66.7%
Outside U.S.	4.2%	13.3%	.	5.0%	.	6.3%	.
Total	118	15	31	40	6	16	6

Table 18: Type of Compensation, by College (full-time employees only)*

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Salary	99.2%	100.0%	100.0%	100.0%	87.5%	100.0%	100.0%
Performances Bonuses	12.3%	13.3%	0.0%	22.0%	12.5%	6.3%	33.3%
Stipend	2.5%	6.7%	0.0%	2.4%	0.0%	0.0%	16.7%
Hourly	0.8%	0.0%	0.0%	2.4%	0.0%	0.0%	0.0%
Commission	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Tips	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Other	0.8%	6.7%	0.0%	0.0%	0.0%	0.0%	0.0%
Unpaid	0.8%	0.0%	0.0%	0.0%	12.5%	0.0%	0.0%
Total	122	15	31	41	8	16	6

*Respondents could indicate more than one type of compensation.

Table 19: Type of Compensation Combined, by College (full-time employees only)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Salary only	85.1%	80.0%	100.0%	75.6%	85.7%	93.8%	50.0%
Salary plus performance bonuses	10.7%	6.7%	.	19.5%	14.3%	6.3%	33.3%
Other combinations	4.1%	13.3%	.	4.9%	.	.	16.7%
Total	121	15	31	41	7	16	6

Table 20: Annual Salary, by College (full-time employees only)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Average (\$)	82,119	68,571	79,758	97,375	87,500	65,625	78,333
Median (\$)	77,500	65,000	77,500	92,500	77,500	60,000	80,000
Less than \$40,000	2.5%	6.7%	.	.	.	6.3%	.
\$40,000 - \$59,999	19.3%	33.3%	3.2%	17.5%	14.3%	43.8%	16.7%
\$60,000 - \$79,999	33.6%	26.7%	58.1%	17.5%	42.9%	31.3%	33.3%
\$80,000 - \$99,999	21.8%	20.0%	25.8%	22.5%	.	12.5%	50.0%
\$100,000 - \$119,999	10.9%	.	9.7%	17.5%	28.6%	6.3%	.
\$120,000 or more	10.9%	6.7%	3.2%	25.0%	14.3%	.	.
Would prefer not answer	0.8%	6.7%	.	.	.	.	.
Not sure	0.0%	.	.	.	.	.	.
Total	119	15	31	40	7	16	6

Table 21: Received Job Offer Incentives, by College (full-time employees only)*

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Received signing bonus	13.9%	0.0%	0.0%	34.1%	12.5%	6.3%	16.7%
Received company shares	9.8%	0.0%	0.0%	22.0%	0.0%	0.0%	33.3%
Did not receive a signing bonus or company shares	82.0%	100.0%	100.0%	61.0%	87.5%	93.8%	50.0%
Total	122	15	31	41	8	16	6

*Respondents could indicate more than one type of incentive.

Table 22: Amount of Signing Bonus, by College (full-time employees only)*

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Less than \$5,000	23.5%	.	.	21.4%	**	**	**
\$5,000 to \$9,999	23.5%	.	.	14.3%	**	**	**
\$10,000 to \$14,999	23.5%	.	.	28.6%	**	**	**
\$15,000 to \$19,999	5.9%	.	.	7.1%	**	**	**
\$20,000 to \$24,999	5.9%	.	.	7.1%	**	**	**
\$25,000 to \$29,999	0.0%	.	.	.	**	**	**
\$30,000 or more	17.6%	.	.	21.4%	**	**	**
Total	17	0	0	14	1	1	1

*Responses of “would prefer not to answer” and “not sure” are excluded from analysis.

**Statistics on signing bonus information for those colleges with fewer than four respondents reporting signing bonuses have been excluded from the table.

Table 23: Value of Company Shares, by College (full-time employees only)*

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Less than \$10,000	14.3%	.	.	14.3%	.	.	.
\$10,000 to \$19,999	0.0%	.	.	.	.	.	.
\$20,000 to \$29,999	0.0%	.	.	.	.	.	.
\$30,000 to \$39,999	14.3%	.	.	14.3%	.	.	.
\$40,000 to \$49,999	0.0%	.	.	.	.	.	.
\$50,000 to \$59,999	14.3%	.	.	14.3%	.	.	.
\$60,000 to \$69,999	0.0%	.	.	.	.	.	.
\$70,000 to \$79,999	0.0%	.	.	.	.	.	.
\$80,000 to \$89,999	0.0%	.	.	.	.	.	.
\$90,000 to \$99,999	14.3%	.	.	14.3%	.	.	.
\$100,000 or more	42.9%	.	.	42.9%	.	.	.
Total	7	0	0	7	0	0	0

*Responses of “would prefer not to answer” and “not sure” are excluded from analysis.

Table 24: Relocation Package, by College (full-time employees only)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Yes	37.5%	33.3%	12.9%	47.5%	57.1%	56.3%	50.0%
No	26.7%	40.0%	32.3%	22.5%	.	31.3%	16.7%
Not applicable	35.8%	26.7%	54.8%	30.0%	42.9%	12.5%	33.3%
Total	120	15	31	40	7	16	6

Seeking Employment

Table 25: Status of Plans to Pursue Employment, by College (among all those seeking or planning to seek employment)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Actively seeking position but have no specific prospects at this time	73.0%	71.4%	83.3%	80.0%	100.0%	62.5%	66.7%
Actively seeking position and currently negotiating with one or more specific organizations	21.6%	28.6%	.	20.0%	.	37.5%	33.3%
Have not yet begun to seek employment, but plan on doing so within the next year	5.4%	.	16.7%	.	.	.	.
Total	37	7	6	10	1	8	3

Table 26: Employment Status at Time of Survey, by College (among all those seeking or planning to seek employment)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Employed	21.6%	.	66.7%	20.0%	.	.	.
Unemployed	78.4%	100.0%	33.3%	80.0%	100.0%	100.0%	100.0%
Total	37	7	6	10	1	8	3

Table 27: When Started Looking for a Job, by College (among those actively seeking employment or negotiating with one or more organizations)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
12 or more months before graduation	8.6%	.	.	10.0%	100.0%	.	33.3%
9-11 months before graduation	8.6%	.	20.0%	10.0%	.	12.5%	.
6-8 months before graduation	22.9%	42.9%	20.0%	30.0%	.	.	.
3-5 months before graduation	25.7%	14.3%	40.0%	10.0%	.	50.0%	33.3%
1-2 months before graduation	14.3%	28.6%	.	20.0%	.	12.5%	.
Less than one month before graduation	20.0%	14.3%	20.0%	20.0%	.	25.0%	33.3%
Total	35	7	5	10	1	8	3

Table 28: Number of Positions Interviewed For, by College (among those actively seeking employment or negotiating with one or more organizations)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
None	31.4%	28.6%	80.0%	20.0%	.	25.0%	33.3%
One	17.1%	14.3%	.	20.0%	.	25.0%	.
Two	17.1%	42.9%	.	.	.	25.0%	33.3%
Three	5.7%	.	.	10.0%	.	12.5%	.
Four	8.6%	.	.	30.0%	.	.	.
Five or six	8.6%	14.3%	.	10.0%	.	.	33.3%
Seven or eight	5.7%	.	.	.	100.0%	12.5%	.
Nine or ten	2.9%	.	20.0%	.	.	.	.
More than ten	2.9%	.	.	10.0%	.	.	.
Total	35	7	5	10	1	8	3

Table 29: Received Any Job Offers, by College (among those actively seeking employment or negotiating with one or more organizations)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
No	85.7%	85.7%	100.0%	90.0%	100.0%	75.0%	66.7%
Yes - one	11.4%	14.3%	.	10.0%	.	12.5%	33.3%
Yes - two	2.9%	.	.	.	.	12.5%	.
Yes – three or more	0.0%	.	.	.	.	.	.
Total	35	7	5	10	1	8	3

Table 30: Looking for Full- or Part-Time Work, by College (among those actively seeking employment or negotiating with one or more organizations)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Full time	94.3%	100.0%	100.0%	100.0%	100.0%	87.5%	66.7%
Part-time	0.0%	.	.	.	.	.	.
Either	5.7%	.	.	.	.	12.5%	33.3%
Total	35	7	5	10	1	8	3

Table 31: Relationship of Job Seeking to Graduate Program, by College (among those actively seeking employment or negotiating with one or more organizations)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Looking for position directly related to my graduate program	48.6%	28.6%	60.0%	60.0%	100.0%	50.0%	.
Looking for position that is at least somewhat related to my graduate program	51.4%	71.4%	40.0%	40.0%	.	50.0%	100.0%
Looking for position that is unrelated to my graduate program	0.0%	.	.	.	.	.	.
How closely position is related to my graduate program is irrelevant in my job search	0.0%	.	.	.	.	.	.
Total	35	7	5	10	1	8	3

Table 32: Job Function of Job Seeking, by College (among those actively seeking employment or negotiating with one or more organizations)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Administrative	2.9%	.	20.0%	.	.	.	.
Agronomy/Plant/Crop Science	2.9%	14.3%	.	.	.	.	.
Analyst	2.9%	.	.	10.0%	.	.	.
Bio/Ag Engineering	2.9%	14.3%	.	.	.	.	.
Education/Teaching/Curriculum Development	17.6%	28.6%	60.0%	.	.	.	.
Engineering	14.7%	.	.	30.0%	.	.	66.7%
Research & Development	23.5%	.	20.0%	20.0%	.	57.1%	33.3%
Science - Life/Physical Science	11.8%	42.9%	.	.	.	14.3%	.
Scientific Research	11.8%	.	.	30.0%	.	14.3%	.
Software Development	2.9%	.	.	.	.	14.3%	.
User Interface/User Experience Design	2.9%	.	.	10.0%	.	.	.
Other	2.9%	.	.	.	100.0%	.	.
Total	34	7	5	10	1	7	3

Table 33: Looking for Employment Inside or Outside of North Carolina, by College (among those actively seeking employment or negotiating with one or more organizations)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Only N.C.	20.0%	14.3%	20.0%	20.0%	.	25.0%	33.3%
In N.C. and other U.S. states	57.1%	57.1%	60.0%	70.0%	100.0%	50.0%	33.3%
In U.S., but outside N.C.	8.6%	.	.	10.0%	.	12.5%	33.3%
Inside and outside the U.S.	14.3%	28.6%	20.0%	.	.	12.5%	.
Outside U.S. only	0.0%	.	.	.	.	.	.
Total	35	7	5	10	1	8	3

Future Job Seekers

Table 34: When Will Begin Job Search, by College (among those not yet seeking employment, but planning to do so)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Within the next couple of weeks	50.0%	.	100.0%	.	.	.	.
Within a month after graduation	0.0%	.	.	.	.	.	.
Within 2-3 months after graduation	50.0%	.	.	.	.	.	.
Within 4-6 months after graduation	0.0%	.	.	.	.	.	.
Within 6-12 months after graduation	0.0%	.	.	.	.	.	.
Not for at least a year	0.0%	.	.	.	.	.	.
Not sure	0.0%	.	.	.	.	.	.
Total	2	0	1	0	0	0	0

NC State Experiences and Resources

This section of the report looks at participation by doctoral graduates in various work-related experiences and scholarship activities while pursuing their degree at NC State, and their use of various resources made available through the University and College career services offices.

Table 35: Participation in Work-Related Experiences, by College*

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Co-op	5.4%	0.0%	0.0%	14.6%	0.0%	0.0%	11.1%
Internship	27.0%	4.5%	36.4%	37.5%	50.0%	13.0%	22.2%
Externship	1.4%	0.0%	6.1%	0.0%	0.0%	0.0%	0.0%
Job in field of study	16.9%	13.6%	45.5%	4.2%	12.5%	8.7%	22.2%
Practicum	2.7%	0.0%	6.1%	0.0%	12.5%	0.0%	11.1%
Clinical placement	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Teaching assistantship	62.8%	77.3%	33.3%	60.4%	87.5%	91.3%	55.6%
Research assistantship	64.9%	77.3%	24.2%	79.2%	50.0%	78.3%	66.7%
Other research, independently or with faculty or peers (not published or presented)	41.9%	50.0%	36.4%	37.5%	75.0%	34.8%	55.6%
Student teaching	16.2%	18.2%	0.0%	20.8%	25.0%	26.1%	11.1%
Class project	7.4%	4.5%	6.1%	6.3%	12.5%	0.0%	44.4%
Volunteer work in field of study	14.2%	13.6%	12.1%	14.6%	25.0%	13.0%	11.1%
Other	2.7%	0.0%	3.0%	2.1%	0.0%	8.7%	0.0%
None of the above	4.1%	4.5%	12.1%	2.1%	0.0%	0.0%	0.0%
Total	148	22	33	48	8	23	9

*Respondents could select more than one experience.

Table 36: Number of Articles/Creative Works Published during Graduate Program, by College

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
None	40.5%	45.5%	78.8%	22.9%	25.0%	26.1%	44.4%
One	12.8%	4.5%	9.1%	14.6%	12.5%	17.4%	33.3%
Two	7.4%	18.2%	6.1%	6.3%	.	8.7%	.
Three	12.8%	9.1%	6.1%	18.8%	12.5%	17.4%	.
Four	4.7%	.	.	6.3%	.	8.7%	.
Five or more	21.6%	22.7%	.	31.3%	50.0%	21.7%	22.2%
Total	148	22	33	48	8	23	9

Table 37: Number of Conference Presentations Given During Graduate Program, by College

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
None	27.0%	18.2%	48.5%	31.3%	.	17.4%	11.1%
One	6.8%	4.5%	6.1%	8.3%	.	4.3%	22.2%
Two	13.5%	18.2%	9.1%	16.7%	.	17.4%	.
Three	9.5%	4.5%	6.1%	10.4%	12.5%	8.7%	11.1%
Four	10.1%	9.1%	9.1%	12.5%	12.5%	8.7%	11.1%
Five or more	33.1%	45.5%	21.2%	20.8%	75.0%	43.5%	44.4%
Total	148	22	33	48	8	23	9

Table 38: Helpfulness of Co-op in Securing Job Offer, by College (among those having such an experience and looking for employment)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Very helpful	75.0%	.	.	71.4%	.	.	100.0%
Somewhat helpful	25.0%	.	.	28.6%	.	.	.
Not very helpful	0.0%	.	.	.	.	.	.
Not at all helpful	0.0%	.	.	.	.	.	.
Total	8	0	0	7	0	0	1

Table 39: Helpfulness of Internship in Securing Job Offer, by College (among those having such an experience and looking for employment)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Very helpful	52.6%	100.0%	20.0%	61.1%	75.0%	66.7%	50.0%
Somewhat helpful	34.2%	.	60.0%	27.8%	.	33.3%	50.0%
Not very helpful	5.3%	.	.	11.1%	.	.	.
Not at all helpful	7.9%	.	20.0%	.	25.0%	.	.
Total	38	1	10	18	4	3	2

Table 40: Helpfulness of Externship in Securing Job Offer, by College (among those having such an experience and looking for employment)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Very helpful	100.0%	.	100.0%	.	.	.	.
Somewhat helpful	0.0%	.	.	.	.	.	.
Not very helpful	0.0%	.	.	.	.	.	.
Not at all helpful	0.0%	.	.	.	.	.	.
Total	1	0	1	0	0	0	0

Table 41: Helpfulness of Job in Field of Study in Securing Job Offer, by College (among those having such an experience and looking for employment)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Very helpful	72.7%	66.7%	75.0%	100.0%	100.0%	.	100.0%
Somewhat helpful	27.3%	33.3%	25.0%	.	.	100.0%	.
Not very helpful	0.0%	.	.	.	.	.	.
Not at all helpful	0.0%	.	.	.	.	.	.
Total	22	3	12	2	1	2	2

Table 42: Helpfulness of Practicum in Securing Job Offer, by College (among those having such an experience and looking for employment)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Very helpful	50.0%	.	.	.	100.0%	.	100.0%
Somewhat helpful	25.0%	.	50.0%	.	.	.	.
Not very helpful	0.0%	.	.	.	.	.	.
Not at all helpful	25.0%	.	50.0%	.	.	.	.
Total	4	0	2	0	1	0	1

Table 43: Helpfulness of Teaching Assistantship in Securing Job Offer, by College (among those having such an experience and looking for employment)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Very helpful	26.1%	28.6%	30.0%	17.2%	42.9%	20.0%	60.0%
Somewhat helpful	38.6%	42.9%	50.0%	34.5%	14.3%	50.0%	.
Not very helpful	22.7%	21.4%	.	27.6%	42.9%	25.0%	20.0%
Not at all helpful	12.5%	7.1%	20.0%	20.7%	.	5.0%	20.0%
Total	88	14	10	29	7	20	5

Table 44: Helpfulness of Research Assistantship in Securing Job Offer, by College (among those having such an experience and looking for employment)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Very helpful	66.3%	60.0%	87.5%	63.2%	50.0%	72.2%	60.0%
Somewhat helpful	25.0%	26.7%	.	31.6%	50.0%	11.1%	40.0%
Not very helpful	3.3%	.	.	2.6%	.	11.1%	.
Not at all helpful	5.4%	13.3%	12.5%	2.6%	.	5.6%	.
Total	92	15	8	38	4	18	5

Table 45: Helpfulness of Non-Published/Presented Research, Independently or With Faculty, in Securing Job Offer, by College (among those having such an experience and looking for employment)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Very helpful	59.6%	70.0%	44.4%	58.8%	83.3%	37.5%	60.0%
Somewhat helpful	24.6%	20.0%	22.2%	23.5%	.	50.0%	40.0%
Not very helpful	10.5%	.	22.2%	11.8%	16.7%	12.5%	.
Not at all helpful	5.3%	10.0%	11.1%	5.9%	.	.	.
Total	57	10	9	17	6	8	5

Table 46: Helpfulness of Student Teaching in Securing Job Offer, by College (among those having such an experience and looking for employment)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Very helpful	26.1%	25.0%	.	30.0%	50.0%	.	100.0%
Somewhat helpful	39.1%	25.0%	.	30.0%	.	80.0%	.
Not very helpful	17.4%	.	.	20.0%	50.0%	20.0%	.
Not at all helpful	17.4%	50.0%	.	20.0%	.	.	.
Total	23	4	0	10	2	5	1

Table 47: Helpfulness of Class Project in Securing Job Offer, by College (among those having such an experience and looking for employment)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Very helpful	14.3%	.	.	.	.	.	33.3%
Somewhat helpful	42.9%	.	.	66.7%	.	.	33.3%
Not very helpful	42.9%	.	.	33.3%	100.0%	.	33.3%
Not at all helpful	0.0%	.	.	.	.	.	.
Total	7	0	0	3	1	0	3

Table 48: Helpfulness of Volunteer Work in Securing Job Offer, by College (among those having such an experience and looking for employment)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Very helpful	25.0%	.	66.7%	.	100.0%	33.3%	.
Somewhat helpful	40.0%	33.3%	33.3%	42.9%	.	66.7%	.
Not very helpful	25.0%	66.7%	.	28.6%	.	.	100.0%
Not at all helpful	10.0%	.	.	28.6%	.	.	.
Total	20	3	3	7	2	3	1

Table 49: Career Services Used, by College*

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Career Development Center	18.2%	13.6%	3.0%	31.3%	0.0%	21.7%	11.1%
CALS Career Services	3.4%	22.7%	0.0%	0.0%	0.0%	0.0%	0.0%
Wilson College of Textiles Career Services	4.7%	0.0%	0.0%	0.0%	0.0%	0.0%	77.8%
College of Design Career Services	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Poole COM Career Development Center**	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
College of Veterinary Medicine Career Services	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Other career office at NC State	4.1%	4.5%	3.0%	4.2%	0.0%	4.3%	11.1%
None	73.0%	68.2%	93.9%	64.6%	100.0%	78.3%	22.2%
Total	148	22	33	48	8	23	9

*Respondents could select more than one option.

**No doctoral students graduated from the Poole College of Management in May 2019.

Table 50: How Often Used Career Development Center Services, by College (among those using services)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Just once or twice	55.6%	66.7%	100.0%	46.7%	.	80.0%	.
Several times	40.7%	33.3%	.	53.3%	.	20.0%	100.0%
Many times	3.7%	.	.	.	.	.	.
On a regular basis	0.0%	.	.	.	.	.	.
Total	27	3	1	15	0	5	1

Table 51: Evaluation of Career Development Center Information/Services, by College (among those using services)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Excellent	18.5%	66.7%	100.0%	6.7%	.	20.0%	.
Good	51.9%	33.3%	.	46.7%	.	60.0%	100.0%
Fair	22.2%	.	.	33.3%	.	20.0%	.
Poor	3.7%	.	.	6.7%	.	.	.
Very Poor	3.7%	.	.	6.7%	.	.	.
Total	27	3	1	15	0	5	1

Table 52: How Often Used CALS (College of Agriculture and Life Sciences) Career Services, by College (among those using services)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Just once or twice	80.0%	80.0%	.	.	.	.	.
Several times	20.0%	20.0%	.	.	.	.	.
Many times	0.0%	.	.	.	.	.	.
On a regular basis	0.0%	.	.	.	.	.	.
Total	5	5	0	0	0	0	0

Table 53: Evaluation of CALS Career Center Information/Services, by College (among those using services)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Excellent	40.0%	40.0%	.	.	.	.	.
Good	20.0%	20.0%	.	.	.	.	.
Fair	40.0%	40.0%	.	.	.	.	.
Poor	0.0%	.	.	.	.	.	.
Very Poor	0.0%	.	.	.	.	.	.
Total	5	5	0	0	0	0	0

Table 54: How Often Used WCOT (Wilson College of Textiles) Career Services, by College (among those using services)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Just once or twice	57.1%	.	.	.	.	.	57.1%
Several times	28.6%	.	.	.	.	.	28.6%
Many times	14.3%	.	.	.	.	.	14.3%
On a regular basis	0.0%	.	.	.	.	.	.
Total	7	0	0	0	0	0	7

Table 55: Evaluation of WCOT Career Center Information/Services, by College (among those using services)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Excellent	28.6%	.	.	.	.	.	28.6%
Good	42.9%	.	.	.	.	.	42.9%
Fair	14.3%	.	.	.	.	.	14.3%
Poor	14.3%	.	.	.	.	.	14.3%
Very Poor	0.0%	.	.	.	.	.	.
Total	7	0	0	0	0	0	7

Table 56: How Often Used CVM (College of Veterinary Medicine) Career Development Center, by College (among those using services)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Just once or twice	0.0%	.	.	.	.	.	.
Several times	0.0%	.	.	.	.	.	.
Many times	100.0%	.	.	.	.	.	.
On a regular basis	0.0%	.	.	.	.	.	.
Total	1	0	0	0	0	0	0

Table 57: Evaluation of CVM Career Development Center, by College (among those using services)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Excellent	100.0%	.	.	.	.	.	.
Good	0.0%	.	.	.	.	.	.
Fair	0.0%	.	.	.	.	.	.
Poor	0.0%	.	.	.	.	.	.
Very Poor	0.0%	.	.	.	.	.	.
Total	1	0	0	0	0	0	0

Table 58: How Often Used PCOM (Poole College of Management) Career Development Center, by College (among those using services)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Just once or twice	0.0%	.	.	.	.	.	.
Several times	100.0%	.	.	.	.	.	.
Many times	0.0%	.	.	.	.	.	.
On a regular basis	0.0%	.	.	.	.	.	.
Total	1	0	0	0	0	0	0

Table 59: Evaluation of PCOM Career Development Center Information/Services, by College (among those using services)

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Excellent	100.0%	.	.	.	.	.	.
Good	0.0%	.	.	.	.	.	.
Fair	0.0%	.	.	.	.	.	.
Poor	0.0%	.	.	.	.	.	.
Very Poor	0.0%	.	.	.	.	.	.
Total	1	0	0	0	0	0	0

Table 60: Career Related Resources Used While at NC State, by College*

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
ePACK	25.7%	27.3%	6.1%	33.3%	0.0%	26.1%	66.7%
Presentations on resume writing, interviewing skills, etc.	25.7%	22.7%	15.2%	29.2%	12.5%	26.1%	44.4%
Attended employer info sessions	16.9%	9.1%	3.0%	27.1%	0.0%	8.7%	55.6%
Visited NC State Career Development Center website	18.2%	13.6%	9.1%	27.1%	0.0%	13.0%	33.3%
Spoke w/ Career Counselor/Coach	10.1%	9.1%	3.0%	14.6%	0.0%	4.3%	33.3%
Mock interviews w/ Career Counselor/Coach	6.1%	0.0%	6.1%	4.2%	0.0%	4.3%	33.3%
On-campus interviewing	6.8%	0.0%	0.0%	12.5%	0.0%	8.7%	11.1%
Attended career fair	33.1%	22.7%	0.0%	54.2%	12.5%	43.5%	66.7%
Joined professional society at NC State related to career field	16.9%	18.2%	18.2%	12.5%	25.0%	13.0%	44.4%
Used professional development programs offered by the Graduate School	21.6%	13.6%	27.3%	14.6%	12.5%	34.8%	44.4%
None of the above	39.9%	40.9%	60.6%	25.0%	75.0%	39.1%	11.1%
Total	148	22	33	48	8	23	9

*Respondents could select more than one resource.

Table 61: Career Fairs Attended, by College (among those saying they had attended any career fair)*

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
College of Humanities and Social Sciences	0.0%	0.0%	.	0.0%	0.0%	0.0%	0.0%
College of Design Career Expo or Spring Interview Days	0.0%	0.0%	.	0.0%	0.0%	0.0%	0.0%
College of Education Career Fair	0.0%	0.0%	.	0.0%	0.0%	0.0%	0.0%
Engineering Career Fair	69.4%	40.0%	.	96.2%	0.0%	30.0%	50.0%
Poole College of Management Career & Internship Fair	0.0%	0.0%	.	0.0%	0.0%	0.0%	0.0%
STEAM ² Career Expo	12.2%	60.0%	.	0.0%	0.0%	30.0%	0.0%
Textiles Job Forum	10.2%	0.0%	.	0.0%	0.0%	0.0%	83.3%
Graduate School Career Fair at NC State	16.3%	20.0%	.	11.5%	0.0%	30.0%	16.7%
Law School Fair	0.0%	0.0%	.	0.0%	0.0%	0.0%	0.0%
Health Career Expo	0.0%	0.0%	.	0.0%	0.0%	0.0%	0.0%
Departmental or program-specific career fair	8.2%	20.0%	.	7.7%	0.0%	10.0%	0.0%
Other career fair at NC State	0.0%	0.0%	.	0.0%	0.0%	0.0%	0.0%
Career fair at another college/university	12.2%	0.0%	.	11.5%	0.0%	30.0%	0.0%
Career fair not affiliated with a college/university (e.g., specific employer, city wide)	12.2%	20.0%	.	7.7%	100.0%	20.0%	0.0%
Don't know/Don't remember which one	10.2%	20.0%	.	0.0%	0.0%	30.0%	16.7%
Total	49	5	0	26	1	10	6

*Respondents could select more than one career fair.

Closing Comments

This final section of the report provides a look at respondents' overall satisfaction with their graduate program as a whole and the career guidance they have received while at NC State, as well as their feelings about their future career path.

Table 62: Overall Satisfaction with Graduate Program, by College

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Very Satisfied	43.2%	54.5%	54.5%	43.8%	37.5%	34.8%	.
Satisfied	45.9%	36.4%	42.4%	43.8%	62.5%	43.5%	77.8%
Neutral	8.8%	9.1%	.	10.4%	.	17.4%	22.2%
Dissatisfied	2.0%	.	3.0%	2.1%	.	4.3%	.
Very Dissatisfied	.	.	.	.	.	.	.
Total	148	22	33	48	8	23	9

Table 63: Overall Satisfaction with Career Guidance, by College

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Very Satisfied	20.9%	31.8%	21.2%	16.7%	25.0%	21.7%	22.2%
Satisfied	41.9%	45.5%	24.2%	45.8%	62.5%	47.8%	33.3%
Neutral	33.1%	13.6%	51.5%	35.4%	.	26.1%	44.4%
Dissatisfied	3.4%	4.5%	3.0%	2.1%	12.5%	4.3%	.
Very Dissatisfied	0.7%	4.5%	.	.	.	.	.
Total	148	22	33	48	8	23	9

Table 64: Feelings of Excitement for Future Career Path, by College

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Very excited about what I will be doing	77.2%	63.6%	78.8%	77.1%	100.0%	79.2%	77.8%
Fairly excited about what I will be doing	22.1%	36.4%	21.2%	20.8%	.	20.8%	22.2%
Not very excited about what I will be doing	0.7%	.	.	2.1%	.	.	.
Not at all excited about what I will be doing	.	.	.	.	.	.	.
Total	149	22	33	48	8	24	9

Table 65: Feelings of Preparation for Future Career Path, by College

	College/School						
	NCSU	CALS	CED	COE	HSS	COS	WCOT
Very prepared	67.8%	59.1%	87.9%	62.5%	87.5%	50.0%	66.7%
Somewhat prepared	28.2%	36.4%	9.1%	35.4%	.	41.7%	33.3%
Somewhat unprepared	4.0%	4.5%	3.0%	2.1%	12.5%	8.3%	.
Very unprepared	.	.	.	.	.	.	.
Total	149	22	33	48	8	24	9

For more information about the Graduate Future Plans Survey contact:

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