NC STATE UNIVERSITY

December 2019 Graduate Future Plans Survey College Comparisons (Doctoral Degree Recipients)

This report presents results from the December 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 <u>ISA website</u>.

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

	December				
	2019				
	Graduating				
	Doctoral	Percent of	Survey	Percent of Survey	Response
College/School	Students	Population	Respondents	Respondents	Rate
College of Agriculture & Life Sciences	22	11.3%	15	12.6%	68.2%
College of Design	1	0.5%			
College of Education	18	9.2%	11	9.2%	61.1%
College of Engineering	91	46.7%	55	46.2%	60.4%
College of Natural Resources	9	4.6%	7	5.9%	77.8%
College of Humanities & Social Sciences	11	5.6%	8	6.7%	72.7%
College of Sciences	33	16.9%	15	12.6%	45.5%
Wilson College of Textiles	6	3.1%	5	4.2%	83.3%
College of Veterinary Medicine	4	2.1%	3	2.5%	75.0%
Total	195	100.0%	119	100.0%	61.0%

*In order to protect respondent confidentiality, breakouts are not provided for colleges with fewer than five graduates responding to the survey (i.e., the College of Design and the College of Veterinary Medicine). However, responses for all graduates are included in the overview report.

Table 2: Primary Plans Following Graduation, by College*

			С	ollege/	School			
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT
Have signed contract or made definite commitment for employment	81.5%	80.0%	100.0%	78.2%	85.7%	87.5%	86.7%	80.0%
Currently seeking employment or planning to do so in the next year	16.8%	20.0%	9.1%	18.2%	28.6%	12.5%	6.7%	20.0%
Planning to pursue another degree program	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	6.7%	0.0%
Do not plan to work or study	0.8%	0.0%	0.0%	1.8%	0.0%	0.0%	0.0%	0.0%
Other plans	5.0%	0.0%	9.1%	3.6%	0.0%	12.5%	6.7%	0.0%
Total	119	15	11	55	7	8	15	5

*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 master's 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	CNR	HSS	COS	WCOT			
Full-time	100.0%	100.%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%			
Part-time											
Total	96	12	11	42	6	7	13	4			

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

				College	e/Schoo			
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT
Continuing at a place of employment obtained while pursuing current degree	48.4%	27.3%	72.7%	47.6%	50.0%	42.9%	53.8%	25.0%
Returning to or continuing at a place of employment had before pursuing current degree	8.4%	18.2%	18.2%	4.8%	•	14.3%	7.7%	
Starting a new position with a new employer to begin after graduation	43.2%	54.5%	9.1%	47.6%	50.0%	42.9%	38.5%	75.0%
Total	95	11	11	42	6	7	13	4

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)

				Colleg	e/School			
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT
12 or more months before graduation	24.7%	20.0%	57.1%	22.5%		33.3%	18.2%	25.0%
9-11 months before graduation	15.3%	20.0%		22.5%		16.7%	9.1%	
6-8 months before graduation	29.4%	20.0%	14.3%	30.0%	83.3%.	33.3%	27.3%	
3-5 months before graduation	20.0%	40.0%	14.3%	15.0%		-	36.4%	50.0%
1-2 months before graduation	7.1%		14.3%	5.0%		16.7%	9.1%	25.0%
Less than one month before graduation	3.5%			5.0%	16.7%			
Total	85	10	7	40	6	6	11	4

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	e/Schoo			
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT
None	3.6%	11.1%		5.1%				
One	18.1%	33.3%	37.5%	7.7%	16.7%	60.0%	9.1%	25.0%
Two	30.1%	22.2%	62.5%	23.1%	33.3%	20.0%	36.4%	25.0%
Three	16.9%	11.1%	•	20.5%	16.7%		27.3%	25.0%
Four	9.6%	11.1%	•	12.8%	16.7%		9.1%	
Five or six	13.3%		•	20.5%	16.7%	20.0%	9.1%	
Seven or eight	4.8%	11.1%		5.1%				25.0%
Nine or ten	2.4%		•	2.6%			9.1%	
More than ten	1.2%			2.6%				
Total	83	9	8	39	6	5	11	4

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	e/Schoo			
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT
Only job offer	49.4%	80.0%	83.3%	30.8%	66.7%	83.3%	36.4%	75.0%
One additional job offer	32.5%		16.7%	41.0%	33.3%	16.7%	54.5%	
Two additional job offers	6.0%			12.8%				
Three or more additional job offers	12.0%	20.0%		15.4%			9.1%	25.0%
Total	83	10	6	39	6	6	11	4

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	CNR	HSS	COS	WCOT		
12 or more months before graduation	7.1%		42.9%	5.0%				25.0%		
9-11 months before graduation	7.1%			7.5%		33.3%	9.1%			
6-8 months before graduation	10.7%	22.2%	14.3%	12.5%			9.1%			
3-5 months before graduation	33.3%	22.2%	28.6%	40.0%	16.7%	33.3%	36.4%			
1-2 months before graduation	22.6%	55.6%		12.5%	66.7%	33.3%	18.2%	25.0%		
Less than one month before graduation	19.0%		14.3%	22.5%	16.7%		27.3%	50.0%		
Total	84	9	7	40	6	6	11	4		

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	e/Schoo			
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT
Campus or college career center	10.2%	10.0%	0.0%	12.5%	16.7%	0.0%	8.3%	25.0%
Consultation w/ NCSU Career Counselor/Coach	2.3%	0.0%	0.0%	5.0%	0.0%	0.0%	0.0%	0.0%
Applied for job via ePACK	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Employer found resume on ePACK	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
On-campus interviewing	3.4%	10.0%	0.0%	2.5%	0.0%	0.0%	8.3%	0.0%
Career fair at NC State	4.5%	10.0%	0.0%	7.5%	0.0%	0.0%	0.0%	0.0%
Career fair off campus	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Employer info session on campus	4.5%	0.0%	0.0%	7.5%	0.0%	0.0%	8.3%	0.0%
Co-op experience	8.0%	0.0%	0.0%	15.0%	0.0%	0.0%	8.3%	0.0%
Internship/externship	20.5%	0.0%	0.0%	30.0%	0.0%	33.3%	25.0%	25.0%
Optional Practical Training (OPT)	11.4%	10.0%	0.0%	12.5%	33.3%	0.0%	8.3%	25.0%
Student teaching experience	6.8%	10.0%	11.1%	5.0%	0.0%	0.0%	8.3%	25.0%
Clinical placement	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Volunteer work	1.1%	0.0%	0.0%	2.5%	0.0%	0.0%	0.0%	0.0%
Personal/professional connection(s) within the company	31.8%	20.0%	22.2%	42.5%	33.3%	33.3%	16.7%	25.0%
NC State faculty member	37.5%	40.0%	33.3%	40.0%	83.3%	16.7%	33.3%	0.0%
Professional association (members, conferences, publications, etc.)	17.0%	30.0%	11.1%	15.0%	0.0%	16.7%	16.7%	50.0%
Staffing agency	1.1%	0.0%	0.0%	2.5%	0.0%	0.0%	0.0%	0.0%
Family/friends/classmates/co-workers	12.5%	10.0%	0.0%	12.5%	0.0%	16.7%	25.0%	25.0%
Internet: LinkedIn	21.6%	10.0%	0.0%	25.0%	16.7%	33.3%	25.0%	50.0%
Internet (Other)	10.2%	20.0%	11.1%	10.0%	0.0%	0.0%	8.3%	25.0%
Other	5.7%	0.0%	0.0%	5.0%	16.7%	16.7%	8.3%	0.0%
None of the above	9.1%	10.0%	44.4%	2.5%	0.0%	16.7%	0.0%	0.0%
Total	88	10	9	40	6	6	12	4
Respondents could select more than one resource								

*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	CNR	HSS	COS	WCOT
Salary increase	17.0%	40.0%	30.0%	4.8%		25.0%	25.0%	
Promotion/title change			•	•	•			
Both a salary increase and promotion/title change	24.5%	20.0%	10.0%	33.3%	33.3%		37.5%	•
None of the above	58.5%	40.0%	60.0%	61.9%	66.7%	75.0%	37.5%	100.0%
Total	53	5	10	21	3	4	8	1

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

				Colleg	e/Schoo	bl		
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT
Private Sector: Industry (for profit)	41.7%	25.0%		47.6%	16.7%	42.9%	38.5%	100.0%
Education: U.S. 4-year college or university other than medical school	27.1%	33.3%	45.5%	23.8%		57.1%	7.7%	
Government: U.S. federal government	8.3%	8.3%	9.1%	7.1%			23.1%	
Education: U.S. university-affiliated research institute	6.3%	16.7%		9.5%				
Education: U.S. medical school (including university-affiliated hospital or medical school)	3.1%	-		2.4%	•		15.4%	•
Education: Foreign educational institution	3.1%			4.8%			7.7%	
Private Sector: Not for profit organization	3.1%		9.1%	2.4%			7.7%	
Education: U.S. preschool, elementary, middle, secondary school or school system	2.1%		18.2%					
Education: U.S. community or two-year college	1.0%		9.1%					
Government: Foreign government	1.0%	8.3%						
Government: U.S. state government								
Government: U.S. local government					83.3%			
Self-Employed								
Other	3.1%	8.3%	9.1%	2.4%				
Total	96	12	11	42	6	7	13	4

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

				College	School			
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT
Postdoc	25.3%	33.3%		33.3%	16.7%	16.7%	30.8%	
Intern	1.1%				16.7%			
Clinical resident								
No - none of the above	73.7%	66.7%	100.0%	66.7%	66.7%	83.3%	69.2%	100.0%
Total	95	12	11	42	6	6	13	4

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

	College/School									
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT		
Agriculture	3.1%	16.7%					7.7%			
Biotechnology	2.1%	8.3%		2.4%						
Chemicals	1.0%				16.7%					
Computer Software/Hardware	2.1%			4.8%						
Consulting	4.2%		9.1%	4.8%	•	14.3%		•		
Consumer Products	2.1%							50.0%		
Counseling	1.0%		9.1%		•	•		•		
Education	22.9%	25.0%	63.6%	16.7%		42.9%	15.4%	•		
Electronics	2.1%			2.4%			7.7%			
Energy	2.1%			4.8%						
Engineering	12.5%			28.6%	•	•		•		
Environment/Sustainability	2.1%	8.3%					7.7%	•		
Financial Services	1.0%				•	14.3%		•		
Food Science	2.1%				16.7%					
Government	2.1%			2.4%			7.7%			
Materials - Plastics, Metals, Ceramics	1.0%				•	•		25.0%		
Military & Defense	1.0%		9.1%		•	•		•		
Natural Resources	2.1%				33.3%			•		
Non-Profit/Philanthropy	1.0%		9.1%		•	•		•		
Pharmaceutical	2.1%						15.4%	•		
Research	16.7%	16.7%		16.7%	•	28.6%	30.8%	25.0%		
Retail/Merchandising	1.0%			2.4%				•		
Start-up	1.0%				16.7%					
Technology	5.2%			11.9%						
Transportation	1.0%			2.4%						
Veterinary	2.1%	8.3%								

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

				Colleg	e/School						
	NCSU										
Wood Products	1.0%				16.7%						
Other	2.1% 8.3% 7.7%										
Total	96	12	11	42	6	7	13	4			

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

	College/School								
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT	
Actuarial/Statistical & Data Analysis	1.1%			-			8.3%		
Administrative	2.1%		9.1%			14.3%			
Agronomy/Plant/Crop Science	2.1%	16.7%							
Analyst	3.2%		9.1%	2.4%			8.3%		
Animal/Veterinary	1.1%	8.3%			•				
Bio/Ag Engineering	1.1%	8.3%			•				
Consulting	3.2%		9.1%	2.4%		14.3%			
Design - Engineering	1.1%			2.4%					
Education/Teaching/ Curriculum Development	11.7%		54.5%	7.3%		28.6%			
Engineering	12.8%			24.4%	16.7%		8.3%		
Environmental/Conservation	1.1%			-			8.3%		
Extension/Education	1.1%	8.3%							
Food Science/Nutrition	1.1%	8.3%		-					
Government	1.1%						8.3%		
Manufacturing/Production/ Development	1.1%			2.4%					
Product Development/Management	1.1%				16.7%				
Project Management	1.1%	8.3%		-					
Research & Development	24.5%	8.3%	9.1%	24.4%	50.0%	28.6%	25.0%	75.0%	
Sales/Technical Sales	1.1%	8.3%		-					
Science - Life/Physical Science	2.1%			-	16.7%			25.0%	
Scientific Research		16.7%		24.4%		14.3%	33.3%		
Software Development	3.2%			7.3%					
Training & Development	2.1%	8.3%	9.1%	-					
Veterinary	1.1%								
Other	1.1%			2.4%					
Total	94	12	11	41	6	7	12	4	

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

				College	e/Schoo						
	NCSU	ICSU CALS CED COE CNR HSS COS WC									
Directly related	75.0%	83.3%	72.7%	78.6%	83.3%	71.4%	53.8%	75.0%			
Somewhat related	24.0%	16.7%	27.3%	19.0%	16.7%	28.6%	46.2%	25.0%			
Not at all related (by choice)	1.0%			2.4%							
Not at all related (not by choice)											
Total	96	12	11	42	6	7	13	4			

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

			(College/S	School			
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT
Very Satisfied	58.9%	66.7%	45.5%	58.5%	66.7%	57.1%	69.2%	50.0%
Satisfied	31.6%	33.3%	45.5%	31.7%	16.7%	28.6%	15.4%	50.0%
Neutral	8.4%		9.1%	9.8%	16.7%		15.4%	
Dissatisfied	1.1%					14.3%		
Very Dissatisfied								
Total	95	12	11	41	6	7	13	4

Table 17: Job Location, by College (in or out of the Triangle	; full-time employees only)
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				College/	School			
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT
Triangle	41.1%	58.3%	45.5%	31.7%	66.7%	71.4%	23.1%	25.0%
Other N.C.	6.3%	16.7%	27.3%	2.4%				
In U.S. outside N.C.	47.4%	16.7%	27.3%	58.5%	33.3%	28.6%	69.2%	75.0%
Outside U.S.	5.3%	8.3%		7.3%			7.7%	
Total	95	12	11	41	6	7	13	4

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

				Colle	ge/Schoo			
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT
Salary	97.9%	100.0%	90.9%	97.6%	100.0%	100.0%	100.0%	100.0%
Commission	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Performances Bonuses	10.4%	0.0%	0.0%	16.7%	16.7%	0.0%	7.7%	25.0%
Hourly	2.1%	0.0%	9.1%	0.0%	16.7%	0.0%	0.0%	0.0%
Tips	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Stipend	2.1%	8.3%	0.0%	2.4%	0.0%	0.0%	0.0%	0.0%
Other	1.0%	0.0%	0.0%	2.4%	0.0%	0.0%	0.0%	0.0%
Unpaid	1.0%	0.0%	0.0%	2.4%	0.0%	0.0%	0.0%	0.0%
Total	96	12	11	42	6	7	13	4

**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	CNR	HSS	COS	WCOT		
Salary only	85.3%	91.7%	90.9%	80.5%	66.7%	100.0%	92.3%	75.0%		
Hourly only	1.1%		9.1%							
Salary plus performance bonuses	9.5%			14.6%	16.7%		7.7%	25.0%		
Other combinations	4.2%	8.3%		4.9%	16.7%					
Total	95	12	11	41	6	7	13	4		

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

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				Colleg	ge/Schoo			
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT
Average (\$)	83,287	67,750	76,500	87,821	80,000	65,000	91,923	100,625
Median (\$)	77,500	70,000	75,000	92,500	90,000	65,000	102,500	90,000
Less than \$40,000	4.2%	8.3%		4.9%			7.7%	
\$40,000 - \$59,999	18.9%	16.7%	9.1%	22.0%	33.3%	28.6%	15.4%	
\$60,000 - \$79,999	25.3%	41.7%	36.4%	19.5%		42.9%	7.7%	50.0%
\$80,000 - \$99,999	15.8%	8.3%	36.4%	9.8%	50.0%	14.3%	15.4%	
\$100,000 - \$119,999	14.7%	8.3%		17.1%	16.7%		30.8%	25.0%
\$120,000 or more	14.7%		9.1%	22.0%			23.1%	25.0%
Would prefer not answer	5.3%	16.7%		4.9%		14.3%		
Not sure	1.1%		9.1%					
Total	95	12	11	41	6	7	13	4

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

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

				College	/School			
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT
Received signing bonus	17.7%	8.3%	0.0%	26.2%	33.3%	0.0%	15.4%	25.0%
Received company shares	15.6%	8.3%	0.0%	28.6%	0.0%	0.0%	15.4%	0.0%
Did not receive a signing bonus or company shares	76.0%	91.7%	100.0%	61.9%	66.7%	100.0%	76.9%	75.0%
Total	96	12	11	42	6	7	13	4

*Respondents could indicate more than one type of incentive.

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

				College/	'Schoc			
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT
Less than \$5,000	15.4%	**		25.0%	**		**	**
\$5,000 to \$9,999	7.7%	**			**		**	**
\$10,000 to \$14,999	38.5%	**		37.5%	**		**	**
\$15,000 to \$19,999	7.7%	**			**		**	**
\$20,000 to \$24,999		**			**		**	**
\$25,000 to \$29,999		**			**		**	**
\$30,000 or more	30.8%	**		37.5%	**		**	**
Total	13	1	0	8	1	0	2	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	CNR	HSS	COS	WCOT
Less than \$10,000	18.2%	**		11.1%			**	
\$10,000 to \$19,999	9.1%	**		11.1%			**	
\$20,000 to \$29,999	9.1%	**		11.1%			**	
\$30,000 to \$39,999	18.2%	**		11.1%			**	
\$40,000 to \$49,999		**					**	
\$50,000 to \$59,999		**					**	
\$60,000 to \$69,999	9.1%	**		11.1%			**	
\$70,000 to \$79,999		**					**	
\$80,000 to \$89,999		**					**	
\$90,000 to \$99,999		**					**	
\$100,000 or more	36.4%	**		44.4%			**	
Total	11	1	0	9	0	0	1	(

*Responses of "would prefer not to answer" and "not sure" are excluded from analysis. **Statistics on company shares information for those colleges with fewer than four respondents reporting company shares have been excluded from the table.

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

				College	School			
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT
Yes	40.0%	33.3%	18.2%	46.3%	33.3%	14.3%	61.5%	50.0%
No	27.4%	16.7%	36.4%	26.8%	33.3%	28.6%	30.8%	
Not applicable	32.6%	50.0%	45.5%	26.8%	33.3%	57.1%	7.7%	50.0%
Total	95	12	11	41	6	7	13	4

Seeking Employment

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

				Colleg	e/Schoo	bl		
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT
Actively seeking a position but have no specific prospects at this time	75.0%	100.0%	100.0%	80.0%	50.0%		100.0%	
Currently negotiating with one or more specific organizations	15.0%			10.0%	50.0%			100.0%
Have not begun to seek employment, but plan to do so in the coming year	10.0%		•	10.0%		100.0%	•	
Total	20	3	1	10	2	1	1	1

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

				College	e/School			
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT
Employed	15.0%		100.0%	•	50.0%	100.0%		
Unemployed	85.0%	100.0%	•	100.0%	50.0%	•	100.0%	100.0%
Total	20	3	1	10	2	1	1	1

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	CNR	HSS	COS	WCOT			
12 or more months before graduation	5.9%		•		50.0%						
9-11 months before graduation	11.8%			25.0%							
6-8 months before graduation	23.5%	33.3%		25.0%	50.0%						
3-5 months before graduation	17.6%	33.3%					100.0%				
1-2 months before graduation	29.4%	33.3%		37.5%				100.0%			
Less than one month before graduation	11.8%		100.0%	12.5%							
Total	17	3	1	8	2	0	1	1			

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	CNR	HSS	COS	WCOT
None	5.6%			11.1%				
One	22.2%			22.2%				100.0%
Two	38.9%	66.7%		33.3%	100.0%		•	
Three	11.1%			11.1%			100.0%	
Four	5.6%	33.3%						
Five or six	11.1%			22.2%				
Seven or eight								
Nine or ten								
More than ten	5.6%		100.0%				•	
Total	18	3	1	9	2	0	1	1

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

				College	e/School			
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT
No	72.2%	66.7%	100.0%	77.8%			100.0%	100.0%
Yes - one	16.7%	33.3%	•	22.2%	•	•		
Yes - two	11.1%		•		100.0%	•		
Yes – three or more			•		•	•		
Total	18	3	1	9	2	0	1	1

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	CNR	HSS	COS	WCOT
Full time	88.9%	100.0%	100.0%	88.9%	50.0%		100.0%	100.0%
Part-time								
Either	11.1%			11.1%	50.0%			
Total	18	3	1	9	2	0	1	1

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

				College	e/School			
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT
Looking for position directly related to my graduate program	33.3%	33.3%		44.4%			100.0%	
Looking for position that is at least somewhat related to my graduate program	61.1%	66.7%	100.0%	55.6%	100.0%			-
Looking for position that is unrelated to my graduate program	5.6%							100.0%
How closely position is related to my graduate program is irrelevant in my job search	•		•		•		•	
Total	18	3	1	9	2	0	1	1

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	CNR	HSS	COS	WCOT		
Actuarial/Statistical & Data Analysis	5.6%	33.3%								
Agronomy/Plant/Crop Science	5.6%	33.3%								
Consulting	5.6%							100.0%		
Education/Teaching/ Curriculum Development	5.6%		100.0%							
Engineering	27.8%			55.6%						
Project Management	5.6%				50.0%					
Research & Development	38.9%	33.3%		33.3%	50.0%		100.0%			
Scientific Research	5.6%			11.1%						
Total	18	3	1	9	2	0	1	1		

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	e/School			
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT
Only N.C.	16.7%		100.0%					100.0%
In N.C. and other U.S. states	22.2%	33.3%		22.2%			100.0%	
In U.S., but outside N.C.	5.6%			11.1%				
Inside and outside the U.S.	55.6%	66.7%		66.7%	100.0%	•		
Outside U.S. only								
Total	18	3	1	9	2	0	1	1

Future Job Seekers

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

				College	/Schoo	bl		
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT
Within the next couple of weeks			•					
Within a month after graduation	100.0%		•	100.0%		100.0%		
Within 2-3 months after graduation			•					
Within 4-6 months after graduation								
Within 6-12 months after graduation			•					
Not for at least a year			•	•	•		•	
Not sure								
Total	2	0	0	1	0	1	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: Partici	pation in Work	-Related Experi	iences, by College*
	P		······································

				Colleg	ge/Schoo			
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT
Со-ор	8.6%	0.0%	9.1%	15.4%	0.0%	0.0%	6.7%	0.0%
Internship	32.8%	20.0%	27.3%	38.5%	14.3%	37.5%	40.0%	40.0%
Externship	2.6%	0.0%	9.1%	1.9%	0.0%	12.5%	0.0%	0.0%
Job in field of study	17.2%	26.7%	63.6%	1.9%	0.0%	62.5%	13.3%	20.0%
Practicum	3.4%	0.0%	27.3%	1.9%	0.0%	0.0%	0.0%	0.0%
Clinical placement	0.0%				0.0%	0.0%	0.0%	0.0%
Teaching assistantship	62.1%	46.7%	27.3%	63.5%	71.4%	87.5%	86.7%	60.0%
Research assistantship	79.3%	80.0%	45.5%	86.5%	100.0%	62.5%	73.3%	80.0%
Other research, independently or with faculty or peers (not published or presented)	38.8%	40.0%	27.3%	32.7%	71.4%	100.0%	20.0%	40.0%
Student teaching	25.9%	33.3%	9.1%	21.2%	57.1%	62.5%	13.3%	0.0%
Class project	12.1%	0.0%	18.2%	11.5%	28.6%	25.0%	0.0%	40.0%
Volunteer work in field of study	15.5%	26.7%	18.2%	11.5%	14.3%	25.0%	20.0%	0.0%
Other	1.7%	0.0%	0.0%	1.9%	0.0%	0.0%	0.0%	20.0%
None of the above	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	116	15	11	52	7	8	15	5

*Respondents could select more than one experience.

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

				College/	School			
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT
None	32.8%	40.0%	63.6%	25.0%	14.3%	25.0%	26.7%	60.0%
One	12.9%	26.7%	9.1%	9.6%		12.5%	26.7%	
Two	13.8%	6.7%	18.2%	13.5%		12.5%	20.0%	40.0%
Three	15.5%	6.7%	9.1%	17.3%	42.9%	37.5%	6.7%	
Four	3.4%	6.7%		1.9%	-	12.5%		
Five or more	21.6%	13.3%		32.7%	42.9%		20.0%	
Total	116	15	11	52	7	8	15	5

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

				College	School			
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT
None	20.7%	20.0%	54.5%	21.2%			13.3%	20.0%
One	6.9%			7.7%			20.0%	
Two	13.8%	13.3%	27.3%	13.5%		25.0%	6.7%	20.0%
Three	13.8%	6.7%	18.2%	17.3%	14.3%		13.3%	20.0%
Four	7.8%	6.7%		7.7%	14.3%	12.5%	6.7%	20.0%
Five or more	37.1%	53.3%		32.7%	71.4%	62.5%	40.0%	20.0%
Total	116	15	11	52	7	8	15	5

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

			C	ollege/S	chool			
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT
Very helpful	70.0%			75.0%			100.0%	
Somewhat helpful	30.0%		100.0%	25.0%				•
Not very helpful								
Not at all helpful								
Total	10	0	1	8	0	0	1	0

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

	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT
Very helpful	62.2%		50.0%	65.0%	100.0%	33.3%	100.0%	50.0%
Somewhat helpful	24.3%	100.0%	50.0%	25.0%				
Not very helpful	8.1%			10.0%		33.3%		
Not at all helpful	5.4%					33.3%		50.0%
Total	37	3	2	20	1	3	6	2

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

				College/S	School			
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT
Very helpful	66.7%			100.0%		100.0%		
Somewhat helpful								
Not very helpful								
Not at all helpful	33.3%		100.0%					
Total	3	0	1	1	0	1	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/S	School			
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT
Very helpful	61.1%	100.0%	33.3%	100.0%		60.0%	50.0%	100.0%
Somewhat helpful	33.3%		66.7%			20.0%	50.0%	
Not very helpful	5.6%					20.0%		
Not at all helpful								
Total	18	3	6	1	0	5	2	1

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

			C	ollege/Sc	chool			
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT
Very helpful								
Somewhat helpful	33.3%		50.0%					
Not very helpful	66.7%		50.0%	100.0%				
Not at all helpful								
Total	3	0	2	1	0	0	0	0

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

			(College/S	School			
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT
Very helpful	14.7%	40.0%	50.0%	9.4%	20.0%	14.3%	15.4%	
Somewhat helpful	35.3%	60.0%	50.0%	37.5%	20.0%	14.3%	30.8%	66.7%
Not very helpful	27.9%			31.3%	40.0%	28.6%	23.1%	33.3%
Not at all helpful	22.1%			21.9%	20.0%	42.9%	30.8%	-
Total	68	5	2	32	5	7	13	3

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	CNR	HSS	COS	WCOT		
Very helpful	67.4%	100.0%	60.0%	65.9%	57.1%	60.0%	63.6%	50.0%		
Somewhat helpful	24.7%		20.0%	22.7%	42.9%	40.0%	27.3%	50.0%		
Not very helpful	5.6%			9.1%			9.1%			
Not at all helpful	2.2%		20.0%	2.3%						
Total	89	11	5	44	7	5	11	4		

 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	CNR	HSS	COS	WCOT
Very helpful	67.4%	83.3%	66.7%	62.5%	80.0%	50.0%	100.0%	50.0%
Somewhat helpful	27.9%	16.7%		37.5%	20.0%	37.5%		50.0%
Not very helpful	2.3%					12.5%		
Not at all helpful	2.3%		33.3%					
Total	43	6	3	16	5	8	3	2

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	CNR	HSS	COS	WCOT
Very helpful	34.5%	60.0%	100.0%	20.0%	50.0%	20.0%	50.0%	
Somewhat helpful	27.6%	20.0%	•	30.0%	25.0%	20.0%	50.0%	
Not very helpful	20.7%	20.0%	•	20.0%		40.0%		•
Not at all helpful	17.2%			30.0%	25.0%	20.0%		
Total	29	5	1	10	4	5	2	0

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	CNR	HSS	COS	WCOT
Very helpful								
Somewhat helpful	46.2%		50.0%	60.0%	50.0%			50.0%
Not very helpful	30.8%		50.0%	20.0%	50.0%			50.0%
Not at all helpful	23.1%			20.0%		100.0%		
Total	13	0	2	5	2	2	0	2

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	CNR	HSS	COS	WCOT
Very helpful	5.9%			16.7%				
Somewhat helpful	70.6%	66.7%	100.0%	66.7%		50.0%	100.0%	
Not very helpful	17.6%	33.3%		16.7%		50.0%		
Not at all helpful	5.9%				100.0%			
Total	17	3	2	6	1	2	3	0

Table 49: Career Services Used, by College*

				College	/School			
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT
Career Development Center	28.4%	13.3%	0.0%	38.5%	42.9%	12.5%	26.7%	40.0%
CALS Career Services	5.2%	40.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Wilson College of Textiles Career Services	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	40.0%
College of Design Career Services	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Poole COM Career Development Center	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
College of Veterinary Medicine Career Services	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Institute for Advanced Analytics Career Services	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Other career office at NC State	4.3%	0.0%	0.0%	7.7%	14.3%	0.0%	0.0%	0.0%
None	64.7%	60.0%	100.0%	55.8%	57.1%	87.5%	73.3%	40.0%
Total	116	15	11	52	7	8	15	5

*Respondents could select more than one option.

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

					Co	llege/Sch	lool				
	NCSU	CALS	Design	CED	COE	CNR	HSS	COS	WCOT	CVM	PCOM
Just once or twice	72.7%	50.0%		•	70.0%	100.0%	100.0%	50.0%	100.0%		
Several times	24.2%			•	30.0%		•	50.0%			
Many times	3.0%	50.0%									
On a regular basis											
Total	33	2	0	0	20	3	1	4	2	0	0

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

					Co	ollege/So	chool				
	NCSU	CALS	Design	CED	COE	CNR	HSS	COS	WCOT	CVM	PCOM
Excellent	24.2%				35.0%			25.0%			
Good	51.5%	100.0%			50.0%	33.3%	•	50.0%	100.0%		
Fair	15.2%				10.0%	33.3%	•	25.0%	•		
Poor	6.1%				5.0%	33.3%	•		•		
Very Poor	3.0%						100.0%		•		
Total	33	2	0	0	20	3	1	4	2	0	0

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

					Colle	ge/Sch	lool				
	NCSU	CALS	Design	CED	COE	CNR	HSS	COS	WCOT	CVM	PCOM
Just once or twice	50.0%	50.0%									
Several times	50.0%	50.0%									
Many times											
On a regular basis										•	
Total	6	6	0	0	0	0	0	0	0	0	0

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

		College/School NCSU CALS Design CED COE CNR HSS COS WCOT CVM PCOM											
	NCSU	CALS	Design	CED	COE	CNR	HSS	COS	WCOT	CVM	PCOM		
Excellent	50.0%	50.0%											
Good	50.0%	50.0%											
Fair													
Poor													
Very Poor													
Total	6	6	0	0	0	0	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	Design	CED	COE	CNR	HSS	COS	WCOT	CVM	PCOM
Just once or twice	50.0%								50.0%		
Several times	50.0%								50.0%		
Many times											

		College/School										
	NCSU	CALS	Design	CED	COE	CNR	HSS	COS	WCOT	CVM	PCOM	
On a regular basis												
Total	2	0	0	0	0	0	0	0	2	0	0	

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

						ge/Sch					
	NCSU	CALS	Design	CED	COE	CNR	HSS	COS	WCOT	CVM	PCOM
Excellent											
Good	50.0%								50.0%		
Fair	50.0%								50.0%	-	
Poor											
Very Poor											
Total	2	0	0	0	0	0	0	0	2	0	0

Table 56: Career Related Resources Used While at NC State, by College*

				College	e/Schoo			
	NCSU	CALS		COE	CNR	HSS	COS	WCOT
ePACK	31.0%	20.0%	9.1%	34.6%	28.6%	37.5%	33.3%	80.0%
Presentations on resume writing, interviewing skills, etc.	32.8%	53.3%	9.1%	28.8%	57.1%	37.5%	33.3%	40.0%
Attended employer info sessions	27.6%	20.0%	0.0%	38.5%	14.3%	25.0%	26.7%	40.0%
Visited NC State Career Development Center website	18.1%	26.7%	0.0%	17.3%	42.9%	12.5%	13.3%	40.0%
Spoke w/ Career Counselor/Coach	9.5%	6.7%	0.0%	13.5%	14.3%	12.5%	0.0%	20.0%
Mock interviews w/ Career Counselor/Coach	6.9%	6.7%	0.0%	7.7%	0.0%	0.0%	6.7%	40.0%
On-campus interviewing	11.2%	13.3%	9.1%	13.5%	0.0%	0.0%	13.3%	20.0%
Attended career fair	37.9%	33.3%	9.1%	51.9%	14.3%	25.0%	33.3%	60.0%
Joined professional society at NC State related to career field	19.8%	40.0%	0.0%	17.3%	28.6%	25.0%	13.3%	40.0%
Used professional development programs offered by the Graduate School	22.4%	33.3%	0.0%	21.2%	42.9%	37.5%	13.3%	40.0%
None of the above	32.8%	20.0%	72.7%	26.9%	14.3%	50.0%	26.7%	20.0%
Total	116	15	11	52	7	8	15	5

*Respondents could select more than one resource.

Table 57: Career Fairs Attended, by College (among those saying they had attended any career fair)*

	College/School								
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT	
College of Humanities and Social Sciences	2.3%	0.0%	0.0%	0.0%	0.0%	50.0%	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%	0.0%	0.0%	
College of Education Career Fair	2.3%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Engineering Career Fair	65.9%	20.0%	0.0%	81.5%	100.0%	50.0%	60.0%	33.3%	
Poole College of Management Career & Internship Fair	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
STEAM ² Career Expo	11.4%	80.0%	0.0%	0.0%	0.0%	0.0%	20.0%	0.0%	
Textiles Job Forum	6.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	
Graduate School Career Fair at NC State	29.5%	40.0%	100.0%	22.2%	100.0%	0.0%	60.0%	0.0%	
Law School Fair	0.0%	0.0%	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%	0.0%	0.0%	
Departmental or program-specific career fair	6.8%	0.0%	0.0%	7.4%	0.0%	0.0%	20.0%	0.0%	
Other career fair at NC State	4.5%	0.0%	0.0%	7.4%	0.0%	0.0%	0.0%	0.0%	
Career fair at another college/university	2.3%	0.0%	0.0%	0.0%	0.0%	50.0%	0.0%	0.0%	
Career fair not affiliated with a college/university (e.g., specific employer, city wide)	11.4%	0.0%	0.0%	11.1%	100.0%	0.0%	0.0%	33.3%	
Don't know/Don't remember which one	4.5%	0.0%	0.0%	3.7%	0.0%	0.0%	20.0%	0.0%	
Total	44	5	1	27	1	2	5	3	

*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.

	College/School								
	NCSU	CALS	CED	COE	r	HSS	COS	WCOT	
Very Satisfied	48.7%	86.7%	36.4%	46.2%	57.1%	37.5%	33.3%	40.0%	
Satisfied	37.4%	13.3%	54.5%	38.5%	28.6%	37.5%	53.3%	40.0%	
Neutral	11.3%		9.1%	11.5%	14.3%	25.0%	6.7%	20.0%	
Dissatisfied									
Very Dissatisfied	2.6%			3.8%			6.7%		
Total	115	15	11	52	7	8	15	5	

Table 58: Overall Satisfaction with Graduate Program, by College

Table 59: Overall Satisfaction with Career Guidance, by College

	College/School									
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT		
Very Satisfied	27.0%	46.7%	18.2%	30.8%	14.3%		33.3%			
Satisfied	32.2%	46.7%	36.4%	26.9%	14.3%	37.5%	40.0%	20.0%		
Neutral	29.6%	6.7%	45.5%	32.7%	57.1%	25.0%	13.3%	60.0%		
Dissatisfied	8.7%			7.7%		25.0%	13.3%	20.0%		
Very Dissatisfied	2.6%			1.9%	14.3%	12.5%				
Total	115	15	11	52	7	8	15	5		

Table 60: Feelings of Excitement for Future Career Path, by College

	College/School								
	NCSU	CALS	CED	COE	CNR	HSS	COS	WCOT	
Very excited about what I will be doing	67.8%	66.7%	63.6%	67.3%	42.9%	75.0%	73.3%	100.0%	
Fairly excited about what I will be doing	27.8%	33.3%	36.4%	26.9%	57.1%	12.5%	20.0%		
Not very excited about what I will be doing	3.5%			5.8%			6.7%		
Not at all excited about what I will be doing	0.9%					12.5%			
Total	115	15	11	52	7	8	15	5	

Table 61: Feelings of Preparation for Future Career Path, by College

	College/School										
	NCSU	NCSU CALS CED COE CNR HSS COS WCC									
Very prepared	61.7%	80.0%	54.5%	55.8%	71.4%	75.0%	66.7%	60.0%			
Somewhat prepared	33.0%	20.0%	45.5%	38.5%	28.6%	25.0%	20.0%	20.0%			
Somewhat unprepared	4.3%			5.8%			6.7%	20.0%			
Very unprepared	0.9%						6.7%				
Total	115	15	11	52	7	8	15	5			

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