

ATTACHMENT 4

Institutional Profile

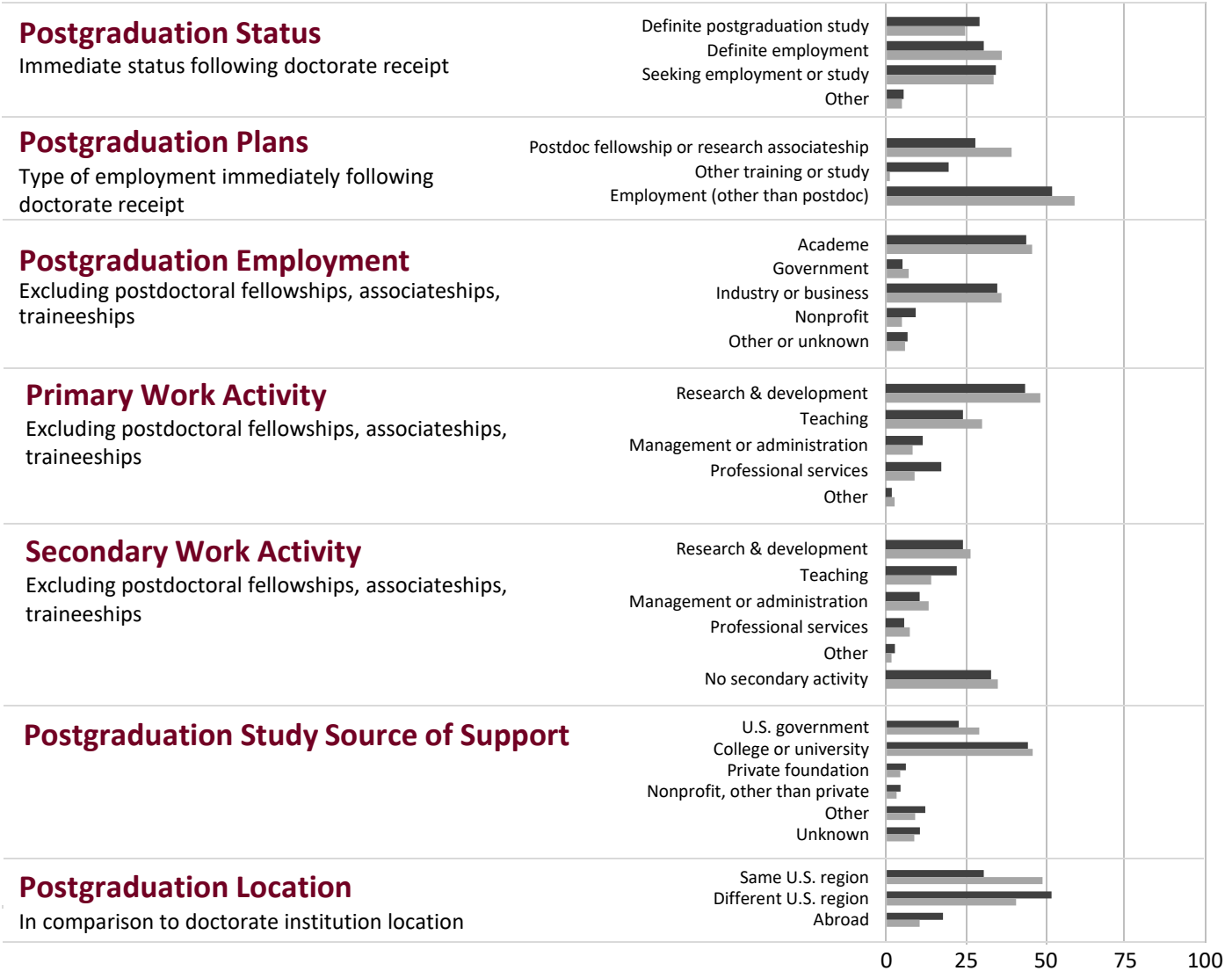
Survey of Earned Doctorates 2017

Confidential Results for ABC University

Of your institution's AY2017 research doctorate recipients, 78.5% responded to the Survey of Earned Doctorates (SED); nationally, 91.4% of research doctorate recipients responded to the SED.

Postgraduation Plans

■ Your institution
 ■ Your peer institutions
 (Highest research activity institutions)
 Percent
 0 25 50 75 100



Starting Salary

S&E doctorate recipients

Non S&E doctorate recipients



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Survey of Earned Doctorates 2017

Confidential results for ABC University

Section I. A comparison of research doctorates at your institution with research doctorates from your peer institutions with highest research activity, and all doctorate institutions

	Your Institution		Your Peer Institutions†		All Institutions	
	Number	Percent	Number	Percent	Number	Percent
Research Doctorate Recipients	402	100.0	41,256	100.0	54,904	100.0
Demographics						
Sex						
Male	226	56.2	22,924	55.6	29,616	53.9
Female	176	43.8	18,324	44.4	25,278	46.0
Unknown	0	0.0	8	0.0	10	0.0
Citizenship						
U.S. citizen or permanent visa	267	66.4	26,197	63.5	35,719	65.1
Temporary visa	129	43.8	13,136	31.8	16,498	30.0
Unknown	6	1.5	1,923	4.7	2,687	4.9
Ethnicity and race (U.S. citizens and permanent residents)^a						
Hispanic or Latino	14	5.2	1,830	7.0	2,555	7.2
Not Hispanic or Latino						
American Indian or Alaska Native	0	0.0	73	0.3	128	0.4
Asian	30	11.2	2,513	9.6	3,082	8.6
Black or African American	4	1.5	1,253	4.8	2,360	6.6
White	199	74.5	19,011	72.6	25,524	71.5
Two or more races	14	5.2	790	3.0	1,032	2.9
Other race or race not reported	3	1.1	211	0.8	273	0.8
Ethnicity not reported	3	1.1	516	2.0	765	2.1
Education						
Doctoral field of study						
Life sciences	118	29.4	9,144	22.2	12,568	22.9
Physical sciences and earth sciences	52	12.9	5,226	12.7	6,252	11.4
Mathematics and computer sciences	21	5.2	3,212	7.8	3,957	7.2
Psychology and social sciences	64	15.9	6,354	15.4	9,078	16.5
Engineering	24	6.0	7,783	18.9	9,469	17.2
Education	5	1.2	3,039	7.4	5,153	9.4
Humanities and arts	103	25.6	4,354	10.6	5,484	10.0
Other fields	15	3.7	2,144	5.2	2,943	5.4
Doctorates reporting interdisciplinary dissertation research^b						
Life sciences	53	29.4	4,205	25.1	5,703	26.0
Physical sciences and earth sciences	16	8.9	1,999	11.9	2,419	11.0
Mathematics and computer sciences	5	2.8	909	5.4	1,141	5.2
Psychology and social sciences	19	10.6	2,330	13.9	3,195	14.6
Engineering	20	11.1	3,318	19.8	4,061	18.5
Education	0	0.0	917	5.5	1,528	7.0
Humanities and arts	60	33.3	2,244	13.4	2,704	12.3
Other fields	7	3.9	860	5.1	1,174	5.4

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Survey of Earned Doctorates 2017 – Confidential results for ABC University

	<u>Your Institution</u>		<u>Your Peer Institutions†</u>		<u>All Institutions</u>	
	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
Education (cont.)						
Primary source of support during graduate school						
Teaching assistantships	11	2.8	7,720	21.9	10,428	21.4
Research/other assistantships or traineeships	58	14.8	11,912	33.7	15,044	30.8
Fellowships or grants	302	76.8	11,018	31.2	13,506	27.7
Own resources	18	4.6	3,280	9.3	7,350	15.1
Employer	2	0.5	770	2.2	1,545	3.2
Other	2	0.5	618	1.7	903	1.9
Graduate and undergraduate total debt						
None	260	64.7	21,544	56.4	26,969	53.7
\$30,000 or less	77	19.2	8,263	21.6	10,607	21.1
More than \$30,000	59	14.7	8,386	22.0	12,627	25.2
Master's degree institution						
Same institution as doctorate	307	78.3	15,038	39.7	18,967	38.1
Different institution from doctorate	44	11.2	13,263	35.0	18,959	38.1
No master's degree earned	41	10.5	9,612	25.4	11,840	23.8
Median time to degree (Number of doctorates reporting and median number of years)						
	<u>Number</u>	<u>Median</u>	<u>Number</u>	<u>Median</u>	<u>Number</u>	<u>Median</u>
Since baccalaureate	390	7.5	38,596	8.3	51,081	8.8
Since starting graduate school	391	6.7	37,932	7.1	49,842	7.3
Since start of doctoral program ^c	389	6.2	37,316	5.7	48,919	5.7
Postgraduation Plans						
Postgraduation status (Immediate status following award of degree)						
Definite postgraduation study	115	29.4	9,158	24.8	11,359	23.5
Definite employment	120	30.7	13,436	36.4	17,941	37.1
Seeking employment or study	135	34.5	12,475	33.8	16,601	34.3
Other	21	5.4	1,798	4.9	2,455	5.1
Postgraduation employment plans (Immediately following doctorate)						
Postdoc fellowship or research associateship	66	28.1	8,918	39.5	10,999	37.6
Other training or study	46	19.6	240	1.1	360	1.2
Employment (other than postdoc)	123	52.3	13,436	59.5	17,941	61.2
Postgraduation employment sector (Excluding postdoctoral fellowships, associateships, traineeships)						
Academe	53	44.2	6,178	46.0	8,291	46.2
Government	6	5.0	940	7.0	1,371	7.6
Industry or business	42	35.0	4,884	36.4	5,943	33.1
Nonprofit	11	9.2	647	4.8	987	5.5
Other or unknown	8	6.7	787	5.9	1,349	7.5

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Survey of Earned Doctorates 2017 – Confidential results for ABC University

	<u>Your Institution</u>		<u>Your Peer Institutions†</u>		<u>All Institutions</u>	
	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
Postgraduation Plans (cont.)						
Primary work activity (Excluding postdoctoral fellowships, associateships, traineeships)						
Research & development	45	44.1	5,951	48.9	6,961	43.2
Teaching	25	24.5	3,717	30.6	5,246	32.5
Management or administration	12	11.8	1,042	8.6	1,799	11.2
Professional services	18	17.6	1,111	9.1	1,677	10.4
Other	2	2.0	343	2.8	439	2.7
Secondary work activity (Excluding postdoctoral fellowships, associateships, traineeships)						
Research & development	25	24.5	3,273	26.9	4,410	27.4
Teaching	23	22.5	1,757	14.4	2,280	14.1
Management or administration	11	10.8	1,655	13.6	2,202	13.7
Professional services	6	5.9	931	7.7	1,292	8.0
Other	3	2.9	232	1.9	321	2.0
No secondary activity	34	33.3	4,316	35.5	5,617	34.8
Postdoctoral study source of support						
U.S. government	26	22.6	2,660	29.0	3,336	29.4
College or university	51	44.3	4,195	45.8	5,051	44.5
Private foundation	7	6.1	394	4.3	483	4.3
Nonprofit, other than private	5	4.3	291	3.2	412	3.6
Other	14	12.2	824	9.0	1,038	9.1
Unknown	12	10.4	794	8.7	1,039	9.1
Postgraduation location (In comparison to doctorate institution location)						
Same U.S. region	119	30.5	18,713	49.0	25,255	50.0
Different U.S. region	202	51.8	15,533	40.6	20,274	40.1
Abroad	69	17.7	3,968	10.4	5,002	9.9
Starting salary^d						
Total count	<u>S&E</u>	<u>Non S&E</u>	<u>S&E</u>	<u>Non S&E</u>	<u>S&E</u>	<u>Non S&E</u>
	154	56	16,730	4,526	21,119	6,360
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
\$40,000 or less	8.7	20.3	14.4	17.7	15.3	16.4
\$40,001-\$60,000	46.5	36.1	40.3	36.9	40.7	36.1
\$60,001-\$80,000	12.3	22.2	16.3	22.3	16.5	22.9
\$80,001 or above	32.4	21.4	29.0	23.2	27.5	24.6

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Survey of Earned Doctorates 2017 – Confidential results for ABC University

Section II. A comparison of science and engineering doctorates with doctorates in other fields at ABC University

	<u>All</u>		<u>S&E</u>		<u>Non S&E</u>	
	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
Research Doctorate Recipients	402	100.0	279	69.4	123	30.6
Demographics						
Sex						
Male	226	100.0	171	75.7	55	24.3
Female	176	100.0	108	61.4	68	38.6
Unknown	0	100.0	0	0.0	0	0.0
Citizenship						
U.S. citizen or permanent visa	267	100.0	180	67.4	87	32.6
Temporary visa	129	100.0	97	75.2	32	24.8
Ethnicity and race (U.S. citizens and permanent residents)^a						
Hispanic or Latino	14	100.0	7	50.0	7	50.0
Not Hispanic or Latino						
American Indian or Alaska Native	0	100.0	0	0.0	0	0.0
Asian	30	100.0	24	80.0	6	20.0
Black or African American	4	100.0	2	50.0	2	50.0
White	199	100.0	138	69.3	61	30.7
Two or more races	14	100.0	8	57.1	6	42.9
Other race or race not reported	3	100.0	1	33.3	2	66.7
Ethnicity not reported	3	100.0	0	0.0	3	100.0
Education						
Primary source of support during graduate school						
Teaching assistantships	11	100.0	4	36.4	7	63.6
Research/other assistantships or traineeships	58	100.0	58	100.0	0	0.0
Fellowships or grants	302	100.0	203	67.2	99	32.8
Own resources	18	100.0	6	33.3	12	66.7
Employer	2	100.0	1	50.0	1	50.0
Other	2	100.0	0	0.0	2	100.0
Graduate and undergraduate total debt						
None	260	100.0	189	72.7	71	27.3
\$30,000 or less	77	100.0	52	67.5	25	32.5
More than \$30,000	59	100.0	39	66.1	20	33.9
Master's degree institution						
Same institution as doctorate	307	100.0	217	70.7	90	29.3
Different institution from doctorate	44	100.0	30	68.2	14	31.8
No master's degree earned	41	100.0	28	68.3	13	31.7

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Survey of Earned Doctorates 2017 – Confidential results for ABC University

	All		S&E		Non S&E	
	Number	Median	Number	Median	Number	Median
Education (cont.)						
Median time to degree (Number of doctorates reporting and median number of years)						
Since baccalaureate	390	7.5	271	7.5	119	9.7
Since starting graduate school	391	6.7	271	6.5	120	7.7
Since start of doctoral program ^c	389	6.2	269	5.7	120	6.7
	Number	Percent	Number	Percent	Number	Percent
Postgraduation Plans						
Postgraduation status (Immediate status following award of degree)						
Definite postgraduation study	115	100.0	92	80.0	23	20.0
Definite employment	120	100.0	74	61.7	46	38.3
Seeking employment or study	135	100.0	80	59.3	55	40.7
Other	21	100.0	18	85.7	3	14.3
Postgraduation employment plans (Immediately following doctorate)						
Postdoc fellowship or research associateship	112	100.0	47	42.0	65	58.0
Other study	3	100.0	0	0.0	3	100.0
Employment (other than postdoc)	120	100.0	76	63.3	44	36.7
Postgraduation employment sector (Excluding postdoctoral fellowships, associateships, traineeships)						
Academe	53	100.0	27	50.9	26	49.1
Government	6	100.0	2	33.3	4	66.7
Industry or business	42	100.0	38	90.5	4	9.5
Nonprofit	11	100.0	8	72.7	3	27.3
Other or unknown	8	100.0	2	25.0	6	75.0
Primary work activity (Excluding postdoctoral fellowships, associateships, traineeships)						
Research & development	45	100.0	39	86.7	6	13.3
Teaching	25	100.0	11	44.0	14	56.0
Management or administration	12	100.0	4	33.3	8	66.7
Professional services	18	100.0	6	33.3	12	66.7
Other	2	100.0	0	0.0	2	100.0
Secondary work activity (Excluding postdoctoral fellowships, associateships, traineeships)						
Research & development	25	100.0	12	48.0	13	52.0
Teaching	23	100.0	18	78.3	5	21.7
Management or administration	11	100.0	7	63.6	4	36.4
Professional services	6	100.0	6	100.0	0	0.0
Other	3	100.0	2	66.7	1	33.3
No secondary activity	34	100.0	15	44.1	19	55.9

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Survey of Earned Doctorates 2017 – Confidential results for ABC University

	All		S&E		Non S&E	
	Number	Percent	Number	Percent	Number	Percent
Postgraduation Plans (cont.)						
Postdoctoral study source of support						
U.S. government	26	100.0	21	80.8	5	19.2
College or university	51	100.0	25	49.0	26	51.0
Private foundation	7	100.0	4	57.1	3	42.9
Nonprofit, other than private	5	100.0	4	80.0	1	20.0
Other	14	100.0	12	85.7	2	14.3
Unknown	12	100.0	6	50.0	6	50.0
Postgraduation location (In comparison to doctorate institution location)						
Same U.S. region	119	100.0	66	55.5	53	44.5
Different U.S. region	202	100.0	147	72.8	55	27.2
Abroad	69	100.0	57	82.6	12	17.4

S&E = science and engineering; -- = data not available; † = See <http://carnegieclassifications.iu.edu/> for information about 2015 Carnegie classifications.

^a American Indian or Alaska Native, Asian, black or African American, and white are single race who are not Hispanic; Hispanic or Latino may be of any race. Other race or race not reported category includes Native Hawaiian or Other Pacific Islander, and doctorate recipients who are not Hispanic or Latino and did not indicate their race.

^b Interdisciplinary dissertation research is captured by response to primary and secondary dissertation research field items. Respondents reporting a secondary dissertation research field are considered interdisciplinary and counted under the broad field of their first reported dissertation research field.

^c Time to doctorate from doctoral program start is based on master's degree entry if the master's degree was at the doctoral institution in the same fine field of study or was a prerequisite to the doctorate; otherwise, it is based on doctoral program entry.

^d Salary ranges include only doctorate recipients reporting definite postgraduation plans who responded to salary.

NOTES: S&E includes physical sciences and earth sciences; mathematics and computer sciences; engineering; life sciences; psychology and social sciences. Non S&E includes humanities and arts; education; and other professional fields. Except for those reported for the sex variable, all percentages are based on total responses with missing data excluded. Percentage totals may not sum to 100 because of rounding. Percents calculated based on a small number of cases should be interpreted with caution.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Earned Doctorates, 2017.

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