Characteristics and Outcomes of PhD Programs

Computational Biology and Bioinformatics

(CIP: 26.1199)

Duke University

Enrollment Headcounts

	Fall 2017 Headcount	Percent
Total	33	
Domestic	16	48.5%
URM	1	6.3%
International	17	51.5%
Men	20	60.6%
Women	13	39.4%

Admissions

	AY 2015	AY 2016	AY 2017
Applicants	105	90	91
Admits	15	20	16
Matriculants	6	7	6
Admit Rate	14.3%	22.2%	17.6%
Yield	40.0%	35.0%	37.5%

Degree Recipients

by Academic Year of Conferral

	AY 2009-11	AY 2012-14	AY 2015-17
Total	14	15	23
Domestic	13	7	11
URM	1	1	1
International	1	8	12
Men	10	10	15
Women	4	5	8

Median Time to Degree for Recipients

by Academic Year of Conferral

	AY 2009-11	AY 2012-14	AY 2015-17
Total	5.3	5.6	5.7
Domestic	5.0	4.7	5.7
URM	6.0	4.7	5.3
International	5.7	5.8	5.5
Men	4.8	5.7	5.7
Women	5.7	5.4	5.1

Cohort Completions

by Academic Year of Entry

	AY 2003-05	AY 2006-08	AY 2009-11
Total Entering	-	-	-
Not Enrolled Fall 2017	3	2	5
Left w/ Master's	1	1	4
Enrolled Fall 2017	-	-	1
Total Completed	15	10	23
< 3Yr	-	-	-
3-4	1	-	-
4-5	5	4	8
5-6	4	3	11
6-7	4	3	4
7-8	1	-	
8-9	-	-	
9-10	-		
> 10	-		

Cohort Completion Rates

by Academic Year of Entry

	AY 2003-05	AY 2006-08	AY 2009-11
All Recipients	83.3%	83.3%	79.3%
Domestic	78.6%	85.7%	73.3%
URM	100%	0.0%	50.0%
International	100%	80.0%	85.7%
Men	75.0%	81.8%	78.9%
Women	100%	100%	80.0%

Initial[1] Career Outcomes

by Academic Year of Conferral

Sector

AY 2016-2018		
Total	19	100%
Academia	10	52.63%
Government	-	-
For-Profit	6	31.58%
Nonprofit	-	-
Other	3	15.79%
Unknown	-	-

Career Type

AY 2016-2018		
Total	19	100%
Further Training or Education	10	52.63%
Primarily Research	5	26.32%
Primarily Teaching	-	-
Discipline-Related	1	5.26%
Not Related to Discipline	-	-
Unknown	3	15.79%

Job Function

AY 2016-2018		
Total	19	100%
Administration	-	-
Business development, consulting, and strategic alliances	-	-
Clinical research management	-	-
Clinical services	-	-
Data science, analytics, and software engineering	-	-
Entrepreneurship	-	-
Faculty: nontenure track	-	-
Faculty: tenured/tenure track	-	-
Faculty: tenure track unclear or not applicable	-	-
Group leader (research)	-	-
Healthcare provider	1	5.26%
Full-time teaching staff	-	-
Intellectual property and law	-	-
Part-time teaching staff	-	-
Postdoctoral	9	47.37%
Regulatory affairs	-	-
Research staff or technical director	6	31.58%
Sales and marketing	-	-
Science education and outreach	-	-
Science policy and government affairs	-	-
Science writing and communication	-	-
Technical support and product development	-	-
Other	3	15.79%
Completing further education	-	-
Deceased/retired	-	-
Unknown	-	-

[1]**Methodological Note**
All career outcomes data was collected through a combination of efforts that include direct survey to recent graduates, departmental self-reporting, and web searching. Please note: initial is defined as the position held 90 days after graduation.

For more information concerning the common set of definitions employed in the Coalition for Next Generation Life Science, please refer to: http://nglscoalition.org/coalition-resources/

For more information pertaining to career outcomes data at the Duke Graduate School, please visit: http://bit.ly/DukeCareerStats