



## UC-HBCU Initiative & UC San Diego Engagement

The UC-HBCU Initiative seeks to increase the number of HBCU graduates completing UC PhD programs and support faculty efforts to strengthen UC academic programs and departments by investing in relationships and efforts between UC faculty and Historically Black Colleges and Universities (HBCUs). Funds are awarded competitively to support student summer research internships and other opportunities that serve the goals of the Initiative. Internship grants are 1-year grants. Pathways grants are 3-year grants.

### UC-HBCU Faculty Grants

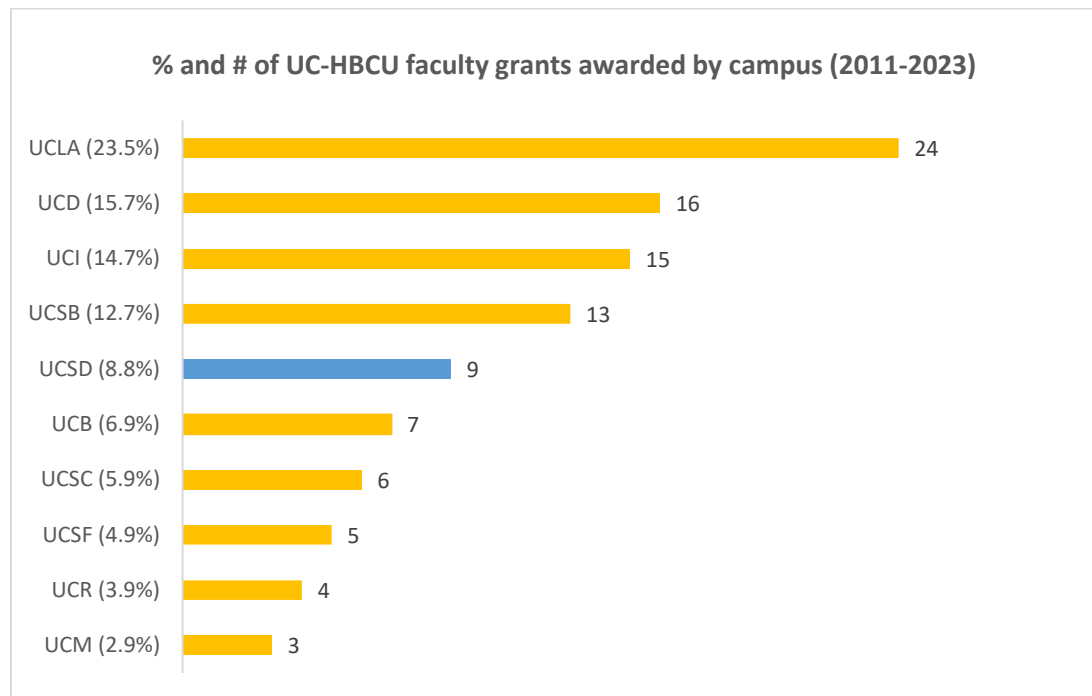
- From 2011-2023, UC-HBCU has approved funding for 102 grants/projects
- Of those 102 grants, UC San Diego has successfully received funding for **9** of them (8.8%)
- The total approved funding for UC San Diego grants is **\$1,756,604**
- Of the 9 grants awarded to UC San Diego, **8 were pathways grants and 1 was an internship grant**. Summer programs typically begin the year following the award year. Grants on your campus that currently have at least one more summer of research activity are highlighted in yellow below.
- The total number of **HBCU student participants** in UC San Diego grants is **123**
- **22%** of UC San Diego grants are **humanities and social sciences**, and **78% are STEM**
- UC San Diego HBCU **partner institutions are Howard University, Morehouse College, North Carolina Central University, Spelman College, University of the Virgin Islands, Xavier University of Louisiana**

### UC-HBCU faculty grants awarded to UC San Diego (2011-2023)

AWARD YEAR	PI	PROJECT TITLE	DISCIPLINE	DEPARTMENT	TYPE OF GRANT	STUDENTS PER YEAR
2012	Cottrell, G	UCSD/Howard University Partnership for Graduate Success	STEM	Computer Science and Engineering	3-year	8/10/10
2013	Burgasser, A	UCSD + Morehouse: Research and Graduate Admissions Pathway in Physics	STEM	Physics	3-year	3/4/5
2013	Sandin, S	The Ocean as a Bridge to Enhance Participation in the Sciences	STEM	Marine Biology	3-year	2/3/3
2015	Patrick, G	UC San Diego Howard University Partnership for Graduate Success	STEM	Biological Sciences	3-year	10/10/10
2017	Nieh, J	UCSD/Xavier University of Louisiana Graduate Pathways Partnership	STEM	Biological Sciences	3-year	6/6/6
2019	Adida, C	UCSD-Morehouse-Spelman Political Science Summer Research Program	H/SS	Political Science	3-year	6/6/6
2019	Caffrey, C	UC-HBCU Summer Research: new drugs for a 'neglected' disease of Africa	STEM	Skaggs School of Pharmacy and Pharmaceutical Sciences	1-year	2
2023	Adida, C	UC San Diego-Morehouse-Spelman Political Science Summer Research Program	H/SS	Political Science	3-year	6/6/6

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AWARD YEAR	PI	PROJECT TITLE	DISCIPLINE	DEPARTMENT	TYPE OF GRANT	STUDENTS PER YEAR
2023	Kastner, R	Matthew Henson Fellowship Program	STEM	Computer Science and Engineering	3-year	3/3/3



### UC-HBCU Initiative Fellows

#### PhD Graduates

There are seven students from UC San Diego who completed their PhD.

Name	Major	Year Completed	Student's HBCU Campus	Employment
Nailah Seale	Bioengineering	2018	Howard University	Associate Director, Global Oncology Medical Affairs, Daiichi Sankyo (a pharma company)
Chandler Puritty	Biological Sciences	2019	Howard University	<i>If campus has update, please provide.</i>
Jeremy Blackstone	Computer Science and Engineering	2021	Howard University	Assistant Professor, Electrical Engineering and Computer Science Department at Howard University (tenure track)
Daril Brown	Electrical Engineering	2022	Howard University	Postdoc, UC Davis
Christian Aganze	Physics	2023	Morehouse College	Science Fellow, Stanford University
Tara Spencer	Biology	2023	Howard University	Visiting Lecturer, UC San Diego (Remote)
Kevin White	Neurosciences	2023	Howard University	Medical Writer, Health and Wellness Partners LLC

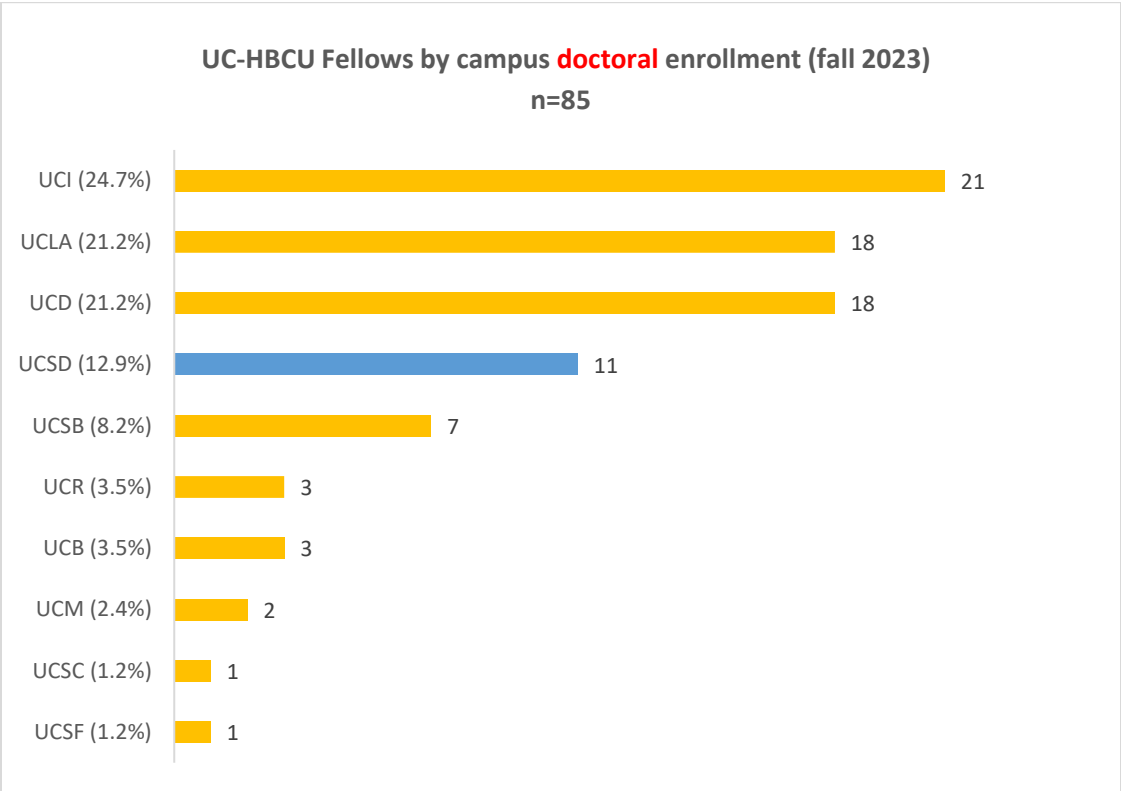
## Doctoral Students

There are currently 11 enrolled UC San Diego doctoral students who participated as summer interns on a UC HBCU grant. They are:

Student's Last Name	Students' First Name	Year Enrolled	Student's Major	Student's HBCU Campus	UC HBCU PI	UC HBCU PI's Campus
Bolds	Mya	2022	Computer Science	Xavier University of Louisiana	Nieh	San Diego
Nkrumah	Samuel	2022	Bioinformatics	Fisk University	Hoffmann	Los Angeles
Palmer	Jada	2022	Bioengineering	Hampton University	Venugopalan	Irvine
Stuart	Elizabeth	2021	Biological Sciences	Howard University	Patrick	San Diego
Day	Alexis	2020	Chemistry	Xavier University of Louisiana	Nieh	San Diego
Giri	Ayush	2019	Mechanical & Aerospace Engineering	Howard University	Patrick	San Diego
Kimble	Ke'La	2019	Chemistry	Xavier University of Louisiana	Franz	Davis
Lyda	Jelani	2019	Biological Sciences	Howard University	Patrick	San Diego
Chancellor	Kendall	2018	Oceanography	Hampton University	Barber	Los Angeles
Moore	Alexia	2018	Chemistry	Howard University	Patrick	San Diego
Williams	Apsara	2017	Mechanical & Aerospace Engineering	Howard University	Patrick	San Diego

The following students participated as UC-HBCU summer interns in a UC San Diego grant and are enrolled in a doctoral program at another UC campus.

Student's Last Name	Students' First Name	Year Enrolled	Student's Major	Student's HBCU Campus	Student's Campus	UC HBCU PI
Bezie	Jada	2023	Chemistry	Xavier University of Louisiana	Davis	Nieh
Gardner	Kimberly	2023	Immunology	Howard University	Davis	Patrick
Williams	Tahirah	2022	Quantitative and Systems Biology	Howard University	Merced	Patrick
Ghimire	Donipolo	2020	Mechanical & Aerospace Engineering	Howard University	Irvine	Patrick
Agba	Chibuike	2019	Mechanical & Aerospace Engineering	Howard University	Davis	Patrick
Hutchinson	Tenley	2019	Astronomy and Astrophysics	Spelman College	Santa Cruz	Burgasser
Brown	Kallie	2017	Psychology	Howard University	Irvine	Patrick



**Master’s and Professional Degree Students**

Currently there are three students enrolled in master’s programs: one at UC Davis, one at UC Irvine and one at UCLA. One student is in a professional degree program (D.D.S.) at UCSF.

Three students completed a master’s program (in Chemistry, Mathematics, and Mechanical & Aerospace Engineering) at UC San Diego.