### Determining Organizational Eligibility for BRE-SPAD PAR-24-268

This document summarizes BRE-SPAD organizational elgibility and instructs potential applicants how to determine the relevant NIH funding levels and biomedical research doctorate conferral data required. See Section III of <u>PAR-24-268</u> for complete eligibility information.

Multiple organizations may collaborate in a BRE-SPAD program, but there must be a single organization that will submit the application known as the applicant organization. The participating organization(s) (See Section I), including the applicant organization must be:

- A Historically Black College or University (HBCU) (see 20 U.S.C. 1061(2)), or a Tribal Controlled College or University (TCCU), (i.e., institutions described in section 5(e) of Executive Order 14049). Eligibility of HBCUs and TCCUs is not defined by total NIH funding or numbers of biomedical research doctorates granted; **OR**
- Non-HBCU or Non-TCCU organizations with the following:
  - At the time of the application, have not received support from the NIH totaling more than \$6 million per year (in both direct and F&A/indirect costs) in 4 of the last 7 fiscal years, excluding C06, S10 and all G activity codes, calculated using NIH RePORTER, see below for instructions on how to determine this; **AND**
  - Have awarded five or fewer biomedical research doctorates (Ph.D.s) on average per year in the most recent five years of data reported in publicly-available NSF NCSES data (see below for instructions on how to determine this).

# Eligible Applicants & Participating Organizations for BRE-SPAD

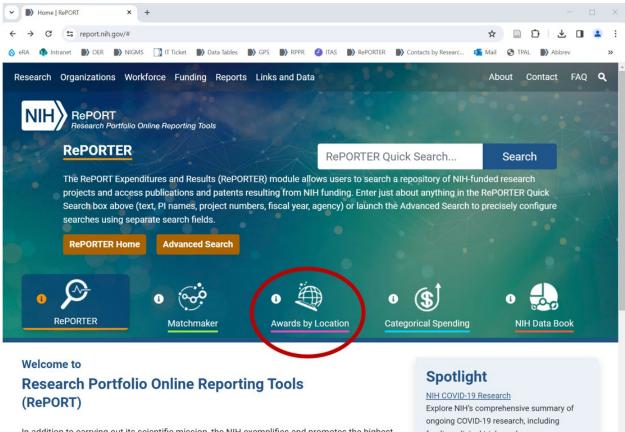
BRE-SPAD Partner Organizations are not required to meet these criteria.

		Less than \$6 million per year of total NIH funding (in total costs) in 4 of the last 7 fiscal years (with a few exceptions).	•••
All:		AND	
HBCUs (Historically Black College or University) OR	OR	Awarded less than an average of five biomedical research doctorates (PhDs) in the most recent five years of data reported in publicly-available NSF NCSES data:	
<b>TCCUs</b> (Tribally- Controlled College or University)		earned doctorates by major field of study including biological sciences, health sciences, chemistry, and biological/biomedical sciences within engineering.	

#### Determining NIH Funding Levels for BRE-SPAD Lead Applicant Eligibility

Below are instructions on how to calculate total NIH funding from RePORTER.

- 1. Go to the RePORT home page.
- 2. Click on Awards by Location (refer to images below).



In addition to carrying out its scientific mission, the NIH exemplifies and promotes the highest level of public accountability. To that end. the Research Portfolio Online Reporting Tools

- funding, clinical trials, and more.
- 3. Select the first Fiscal Year to examine. The fiscal year ends September 30. Choose the most recently completed fiscal year. To look at multiple years, you will need to re-run the query for each of the seven fiscal years (described below). Alternatively, you can use the Pivot Table feature in Microsoft Excel with one set of downloaded data by following the instructions for the NIH R15 eligibility here.

## FUNDING

HOME > Funding > NIH Awards By Location

6	2000						
	ar : 2023					tion : All	SELEC
	er: All			SELECT	Congressional Dist	trict : All	SELEC
Funding Mechanis	m : All			SELECT	Organization Ty	ype : All	SELEC
Opportunity Number : Format: REA-IC-09-003 or PA-09-003	PA 00 003		Organizat	tion :	SELEC		
	Pormat. Re	-A-IC-09-003 0I	PA-09-003			Contains O Begins	with
			S	UBMIT QUERY	RESET QUERY		

4. Start typing the name of the applicant organization and **click Select**.

FUNDIN	IG							550	2152	2010	000
IE > Funding > NIH Awa											
The second				n & Orgar						FROZEN	
Explore year	r-by-year	r NIH fundin	g by institution, s	tate, congressional	district, a	ind more!	Data frozen a	as of 10/04/2023	3. Data release	ed on 12/22/202	3
Fiscal Year :	2023					Location :	All			SELECT	
Institute/Center :	All			SELECT	Congress	sional District :	All			SELECT	
Funding Mechanism :	All			SELECT	Organ	nization Type	All				
Opportunity Number :	Format: RF	FA-IC-09-003 or	PA-09-003	- (		Organization :	<ul> <li>university of r</li> <li>Contains</li> </ul>	m O Begins with		SELECT	
				SUBMIT QUERY	RESET	UERY					

5. Select the correct organization from the menu in the pop-up window, and then **click Submit Query.** 



6. Note the **Total funding** for that fiscal year.

For consistency in reporting on past fi	fiscal years, this site uses f	covery and Reinvestment Act of 2009. Fo rozen information for past fiscal years, ar I with frozen grant records and posted in	nd this may differ from curre	ent information displayed on RePO	RTER. Upon completion	n of each fiscal
• Show All O Group By Syste	em/Main Campus <sup>BETA</sup>				X	EXPORT TABLE
Organization		City	State	Country	Awards	Funding
UNIVERSITY OF M				UNITED STATES		\$11,049,203
	Dollar Amount	awards sum	imary for Fiscal	Year 2023		
Funding Mechanism 🗸	Dollar Amount \$526,304		imary for Fiscal	Year 2023		
Funding Mechanism V Dther Research-Related		Awards	imary for Fiscal	Year 2023		
Funding Mechanism	\$526,304	Awards	imary for Fiscal	Year 2023		
NIVERSITY OF M Funding Mechanism Other Research-Related R&D Contracts Research Centers RPGs - Non SBIR/STTR	\$526,304 \$1,896,671	Awards	imary for Fiscal	Year 2023		
Funding Mechanism	\$526,304 \$1,896,671 \$917,073	Awards 2 1 1	imary for Fiscal	Year 2023		

- 7. **Change to the prior fiscal year**, note that year's total funding, and repeat until you have noted the prior seven fiscal years. Alternatively, you can use the Pivot Table feature in Microsoft Excel with one set of downloaded data by following the instructions for the NIH R15 eligibility <u>here</u>.
- 8. Funding should be \$6 million or less in at least four of the prior full seven fiscal years, however, if you are close to this funding limit for eligibility and need to determine levels of funding to the

activity codes that get excluded from the calculation (C06, S10, and all activity codes starting with a G), use the Export to Excel feature, or use the By Funding Mechanism tab to drill down to the grant level data.

#### Determining Doctorates Awarded for BRE-SPAD Lead Applicant Eligibility

Unless an HBCU or TCCU, the lead applicant organization for BRE-SPAD must have awarded less than an average of five biomedical research doctorates (PhDs) in the most recent five years of data reported in publicly-available <u>NSF NCSES data</u>: earned doctorates by major field of study including biological sciences, health sciences, chemistry, and biological/biomedical sciences within engineering (along with meeting the NIH funding threshold described in the previous section).

- 1. Go to the NSF NCSES's list of individual institution profiles, found <u>here</u>.
- 2. To select your organization, either Search By Name, or scroll through the alphabetical listing.

	×							Con	itact Help
S				Foundati		Search			מ
*									
HOME	Research Areas	Fu	nding	Awards		ocument	New	7S	About
-	Areas					Library			NSF
							Email	+ Print	A Share
									, ondro
Lis	st of instit	tutio	ons						
ndivi	idual institution prof	iles pres	sent select	ted data for inc	dividual ins	titutions. Dat	ta are from fo	ur Nationa	al
Cent	er for Science and I	Enginee	ering (NCS	ES) surveys:					
		100000000000000000000000000000000000000							
	<ul> <li>Survey of Earned</li> </ul>								
	Survey of Gradua	te Stude	ents and P	ostdoctorates		-	ering (GSS)		
:	<ul><li>Survey of Gradua</li><li>Higher Education</li></ul>	te Stude Resear	ents and P rch and De	ostdoctorates velopment Sur	vey (HERI	D)	ering (GSS)		
	Survey of Gradua	te Stude Resear	ents and P rch and De	ostdoctorates velopment Sur	vey (HERI	D)	ering (GSS)		
	<ul> <li>Survey of Gradua</li> <li>Higher Education</li> <li>Survey of Science</li> </ul>	te Stude Resear and Er	ents and P rch and De ngineering	ostdoctorates velopment Sur Research Fac	rvey (HERI ilities (FAC	D) >)			
	<ul><li>Survey of Gradua</li><li>Higher Education</li></ul>	te Stude Resear and Er	ents and P rch and De ngineering	ostdoctorates velopment Sur Research Fac	rvey (HERI ilities (FAC	D) >)		•	
Selec	<ul> <li>Survey of Gradua</li> <li>Higher Education</li> <li>Survey of Science</li> <li>ct an individual institution</li> </ul>	te Stude Resear and Er tution pr	ents and P rch and De ngineering rofile from	ostdoctorates velopment Sur Research Fac the alphabetic	rvey (HERI ilities (FAC al list below	D) C) L or search b	by name.	)	
Selec	<ul> <li>Survey of Gradua</li> <li>Higher Education</li> <li>Survey of Science</li> </ul>	te Stude Resear and Er tution pr	ents and P rch and De ngineering rofile from	ostdoctorates velopment Sur Research Fac the alphabetic	rvey (HERI ilities (FAC al list below	D) C) L or search b	by name.	•	
Selec	<ul> <li>Survey of Gradua</li> <li>Higher Education</li> <li>Survey of Science</li> <li>ct an individual institution</li> </ul>	te Stude Resear and Er tution pr	ents and P rch and De ngineering rofile from	ostdoctorates velopment Sur Research Fac the alphabetic	rvey (HERI ilities (FAC al list below	D) C) L or search b	by name.	•	
Selec	<ul> <li>Survey of Gradua</li> <li>Higher Education</li> <li>Survey of Science</li> <li>ct an individual insti</li> <li>C D E F G H</li> </ul>	te Stude Resear and Er tution pr	ents and P rch and De ngineering rofile from	ostdoctorates velopment Sur Research Fac the alphabetic	rvey (HERI ilities (FAC al list below	D) C) L or search b	by name.		
Selec	<ul> <li>Survey of Gradua</li> <li>Higher Education</li> <li>Survey of Science</li> <li>ct an individual insti</li> <li>C D E F G H</li> <li>A.T. Still U.</li> </ul>	te Stude Resear and Er tution pr	ents and P rch and De ngineering rofile from	ostdoctorates velopment Sur Research Fac the alphabetic	rvey (HERI ilities (FAC al list below	D) C) L or search b	by name.	<b>)</b>	
Selec	<ul> <li>Survey of Gradua</li> <li>Higher Education</li> <li>Survey of Science</li> <li>ct an individual insti</li> <li>B C D E F G H</li> <li>A.T. Still U.</li> <li>Abilene Christian</li> <li>Adelphi U.</li> </ul>	te Stude Resear and Er tution pr	ents and P rch and De ngineering rofile from	ostdoctorates velopment Sur Research Fac the alphabetic	rvey (HERI ilities (FAC al list below	D) C) L or search b	by name.	)	
A E	<ul> <li>Survey of Gradua</li> <li>Higher Education</li> <li>Survey of Science</li> <li>ct an individual insti</li> <li>B C D E F G H</li> <li>A.T. Still U.</li> <li>Abilene Christian</li> </ul>	te Stude Resear e and Er tution pr I I J I	ents and P rch and De ngineering rofile from K L M N	ostdoctorates velopment Sur Research Fac the alphabetic	rvey (HERI ilities (FAC al list below	D) C) L or search b	by name.	)	
A E	<ul> <li>Survey of Gradua</li> <li>Higher Education</li> <li>Survey of Science</li> <li>ct an individual insti</li> <li>B C D E F G H</li> <li>A.T. Still U.</li> <li>Abilene Christian</li> <li>Adelphi U.</li> <li>Agnes Scott C.</li> </ul>	te Stude Resear e and Er tution pr I I J I	ents and P rch and De ngineering rofile from K L M N	ostdoctorates velopment Sur Research Fac the alphabetic	rvey (HERI ilities (FAC al list below	D) C) L or search b	by name.	)	
A E	<ul> <li>Survey of Gradua</li> <li>Higher Education</li> <li>Survey of Science</li> <li>ct an individual insti</li> <li>B C D E F G H</li> <li>A.T. Still U.</li> <li>Abilene Christian</li> <li>Adelphi U.</li> <li>Agnes Scott C.</li> </ul>	te Stude Resear e and Er tution pr I I J I	ents and P rch and De ngineering rofile from K L M N	ostdoctorates velopment Sur Research Fac the alphabetic	rvey (HERI ilities (FAC al list below	D) C) L or search b	by name.	<b>)</b>	
A E	<ul> <li>Survey of Gradua</li> <li>Higher Education</li> <li>Survey of Science</li> <li>ct an individual insti</li> <li>B C D E F G H</li> <li>A.T. Still U.</li> <li>Abilene Christian</li> <li>Adelphi U.</li> <li>Agnes Scott C.</li> <li>Air Force Institute</li> </ul>	te Stude Resear and Er tution pr I I J I U.	ents and P rch and De ngineering rofile from K L M N	ostdoctorates velopment Sur Research Fac the alphabetic	rvey (HERI ilities (FAC al list below	D) C) L or search b	by name.		
A E	<ul> <li>Survey of Gradua</li> <li>Higher Education</li> <li>Survey of Science</li> <li>ct an individual insti</li> <li>B C D E F G H</li> <li>A.T. Still U.</li> <li>Abilene Christian</li> <li>Adelphi U.</li> <li>Agnes Scott C.</li> <li>Air Force Institute</li> <li>Alabama A&amp;M U.</li> </ul>	te Stude Resear and Er tution pr I I J I U.	ents and P rch and De ngineering rofile from K L M N	ostdoctorates velopment Sur Research Fac the alphabetic	rvey (HERI ilities (FAC al list below	D) C) L or search b	by name.	<b>)</b>	
A E	<ul> <li>Survey of Gradua</li> <li>Higher Education</li> <li>Survey of Science</li> <li>ct an individual insti</li> <li>B C D E F G H</li> <li>A.T. Still U.</li> <li>Abilene Christian</li> <li>Adelphi U.</li> <li>Agnes Scott C.</li> <li>Air Force Institute</li> <li>Alabama A&amp;M U.</li> <li>Alabama C., Oste</li> </ul>	te Stude Resear and Er tution pr I I J I U.	ents and P rch and De ngineering rofile from K L M N	ostdoctorates velopment Sur Research Fac the alphabetic	rvey (HERI ilities (FAC al list below	D) C) L or search b	by name.	<b>)</b>	
AE	<ul> <li>Survey of Gradua</li> <li>Higher Education</li> <li>Survey of Science</li> <li>ct an individual insti</li> <li>B C D E F G H</li> <li>A.T. Still U.</li> <li>Abilene Christian</li> <li>Adelphi U.</li> <li>Agnes Scott C.</li> <li>Air Force Institute</li> <li>Alabama A&amp;M U.</li> <li>Alabama C., Oste</li> <li>Alabama State U.</li> </ul>	te Stude Resear- e and Er tution pr I I J I U. of Tech	ents and P rch and De ngineering rofile from K L M N nnology	ostdoctorates velopment Sur Research Fac the alphabetic	rvey (HERI ilities (FAC al list below	D) C) L or search b	by name.		
A E	<ul> <li>Survey of Gradua</li> <li>Higher Education</li> <li>Survey of Science</li> <li>ct an individual institute</li> <li>B C D E F G F</li> <li>A.T. Still U.</li> <li>Abilene Christian</li> <li>Adelphi U.</li> <li>Agnes Scott C.</li> <li>Air Force Institute</li> <li>Alabama A&amp;M U.</li> <li>Alabama C., Oste</li> <li>Alabama State U.</li> <li>Alabama State U.</li> <li>Alabany C. Pharma</li> </ul>	te Stude Resear- e and Er tution pr I I J I U. of Tech opathic	ents and P rch and De ngineering rofile from K L M N nnology	ostdoctorates velopment Sur Research Fac the alphabetic	rvey (HERI ilities (FAC al list below	D) C) L or search b	by name.	<b>)</b>	
A E	<ul> <li>Survey of Gradua</li> <li>Higher Education</li> <li>Survey of Science</li> <li>ct an individual insti</li> <li>B C D E F G F</li> <li>A.T. Still U.</li> <li>Abilene Christian</li> <li>Adelphi U.</li> <li>Agnes Scott C.</li> <li>Air Force Institute</li> <li>Alabama A&amp;M U.</li> <li>Alabama C., Oste</li> <li>Alabama State U.</li> <li>Alaska Pacific U.</li> </ul>	te Stude Resear- e and Er tution pr I I J I U. of Tech opathic	ents and P rch and De ngineering rofile from K L M N nnology	ostdoctorates velopment Sur Research Fac the alphabetic	rvey (HERI ilities (FAC al list below	D) C) L or search b	by name.	<b>)</b>	

3. In the Data Tables section, click on the link under Earned Doctorates: "by major field of study". This link may not appear if your institution does not grant doctorates.

2013	152	36.9	417	150	27.6	555	165	19.4	884	194	33.6
2012	166	40.7	412	154	28.3	555	167	19.4	892		
2	. See Ta . Blank		indicate	data n	ot availabl				ution not el es is collec		
	sources ted data	for this in	stitution	are pro	vided in th	e profile t	ables	isted belo	w.		
						[	Downlo	oad all tab	les in Exce	el form	at 👔
							,	√iew all in	stitution da	ita in F	ITML
Data 1	Table (R)	,									
		tes: 2021-1	2								
	major field		<u> </u>								
	-		Q onging	oring	nd health: 20	124 42					
			ce, engine	ering, a	nu nearth: 20	21-12					
-	aracteristic										
full-	time stude	ents									
par	t-time stud	lents									

- 4. Note the number of earned doctorates for the **most recently shown five years** only for the following fields, if shown:
  - Under the Science category
    - Biological Sciences
    - Health Sciences
    - Chemistry
  - Under the Engineering category
    - Biological/biomedical sciences

Number of earned doctorates, by major field of study of recipients: 2021-12

Fields	2021	2020	2019	2018	2017	2016	2015	2014	2013
All fields	55	60	52	54	62	47	42	47	28
Science and engineering	41	39	29	42	45	32	31	34	25
Science	15	14	12	14	21	10	9	13	4
Life science	6	2	5	9	12	5	4	7	4
Agricultural sciences	1	1	3	4	9	1	2	2	2
Biological sciences	1	1	2	1	3	4	2	5	
Health sciences	4			4					2
Physical sciences and earth sciences	1		1	2	4	1	2	1	
Chemistry	1.1			1					
Earth, atmospheric, and ocean sciences	1				4	1	2	1	
Physics and astronomy			1	1					
Mathematics and computer sciences	7	6	4	1	2	3	1	1	
Computer sciences	3	5	4		2	3	1	1	
Mathematics	4	1		1					
Psychology and social sciences	1	6	2	2	3	1	2	4	
Psychology	1	5	2		1				
Anthropology								1	
Economics					1	1			
Other social sciences		1		2	1		2	3	
Engineering	26	25	17	28	24	22	22	21	21
Biological/biomedical sciences	1		1	2	1		1	1	
Chemical engineering					1	2			1
Civil engineering					1				

5. Calculate the **total number of doctorates earned in these four categories for each of the most recent five years**. Note that the data can be downloaded in Excel.

In the example above, the total per year is as follows:

- 2021:6
- 2020: 1
- 2019: 3
- 2018: 8
- 2017:4
- 6. **Average the five numbers**. In this example, the average is 4.4, which is under the 5 or less threshold for eligibility for this aspect.