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BU-UL Partnership to Enhance Emerging Epidemic Virus Research in Liberia (BULEEVR)

Project Number	Contact PI/Project Leader	Awardee Organization
1U2RTW011293-01	HENDERSON, ANDREW	BOSTON UNIVERSITY
	JOther PIs	MEDICAL CAMPUS

Description

Abstract Text

Abstract The 2013-2016 Ebola Virus **Disease** (EVD) Epidemic in West Africa revealed the dire need for improved regional capacity for research in **emerging infectious** diseases. Despite the heavy human toll of the epidemic, by the time the research infrastructure was in place to ethically and appropriately test new diagnostics and medical countermeasures, the epidemic was waning. Liberia, one of the countries affected by the recent EVD epidemic, has a severe dearth of scientific capacity although recently founded research consortiums related to EVD in country have created a potential platform upon which further programs can be built. Fostering education and infrastructure for research in West Africa in general, and Liberia specifically, will have multifold benefits. First, it will increase the rapidity of trials when an outbreak occurs due to preset protocols, agreements and trainings in country. Second, the long term central involvement of national researchers will promote community trust and engagement, aiding successful execution of trials. Third, research infrastructure built to support **emerging** pathogens will address other endemic **infectious** diseases. Lastly, promoting and advancing West African scientists allows investigator based applications to reflect regional and local research agenda. The foundation for success of all of the above activities is a pipeline for the creation of the next generation of Liberian investigators. Boston University (BU) and University of Liberia (UL), along with regional partners propose the creation of a tiered research training program in **emerging infectious** diseases, entitled “Boston University-University of Liberia **Emerging** Epidemic Viruses Research” (BULEEVR) program, the framework of which is based on their on-going partnership and extensive needs assessment performed under a D71 planning awarded to the project in 2017-2018. The BULEEVR program will advance candidates with a prior Masters degree towards a doctoral degree and medical school graduates through a Masters in Science. In addition to generating investigators with the appropriate training and experience in addition to a terminal degree (who can eventually apply for independent funding), the program will foster mentored research for participants in ongoing research projects in Liberia, hence building both sustainability and retention of intellectual capital in country. The BULEEVR program will consist of a bootcamp held in Liberia which will provide a background in foundations of basic, translational and clinical research and will serve as a the recruitment pool from which small select program of candidates can then pursue an advanced degree at BU. The candidates will then return to Liberia for their research experience. The bootcamps will be open to both candidates interested in pursuing an advanced degree as well as other research professionals interested in expanding their skills or knowledge base, or to cross-train in a new methodology through a specific offered module.

Public Health Relevance Statement











Public Health Significance Fostering Liberian researchers will allow the country to more readily combat novel infectious diseases outbreaks through discovery of appropriate timely science. By creating a program which provides a basic background in research through bootcamps in Liberia and then trains small number of qualified participants who will pursue an advanced degree in related scientific field at Boston University, the “Boston University- University of Liberia Emerging Epidemic Viruses Research” (BULEEVR) program will create human resources critical to building research capacity in Liberia.

NIH Spending Category

Biodefense	Emerging Infectious Diseases	Infectious Diseases	Rare Diseases
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BU-UL Partnership to Enhance Emerging Epidemic Virus Research in Liberia (BULEEVR)

Project Number 1U2RTW011293-01		Contact PI/Project Leader HENDERSON, ANDREW J Other PIs		Awardee Organization BOSTON UNIVERSITY MEDICAL CAMPUS	
Foundations	Funding	Human	Liberia	Liberian	Master's Degree
Mentors	Methodology	Needs Assessment		Participant	
Protocols documentation		Research	Research Infrastructure		Research Personnel
Research Project Grants		Research Training		Science	Scientist Testing
Time	Training	Training Programs		Translational Research	
				Trust	

Details

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Organization

Name BOSTON UNIVERSITY MEDICAL CAMPUS	Department Type INTERNAL MEDICINE/MEDICINE	State Code MA
City BOSTON	Organization Type SCHOOLS OF MEDICINE	Congressional District 07
Country UNITED STATES (US)		

Other Information

FOA PAR-18-840	Administering Institutes or Centers FOGARTY INTERNATIONAL CENTER	Project Start Date 22-July-2019
Study Section Special Emphasis Panel[ZRG1 IDM-Z (55)]	DUNS Number 604483045	Project End Date 30-April-2024
Award Notice Date 26-July-2019	CFDA Code 989	Budget Start Date 22-July-2019
		Budget End Date 30-April-2020

Project Funding Information for 2019

Total Funding \$248,306	Direct Costs \$231,634	Indirect Costs \$16,672
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Year	Funding IC	FY Total Cos
2019	FOGARTY INTERNATIONAL CENTER	\$248,306

NIH Categorical Spending

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Project Number	Contact PI/Project Leader	Awardee Organization
1U2RTW011293-01	HENDERSON, ANDREW	BOSTON UNIVERSITY
	Other PIs	MEDICAL CAMPUS

No Sub Projects information available for 1U2RTW011293-01

Publications

No Publications available for 1U2RTW011293-01

Patents

No Patents information available for 1U2RTW011293-01

Outcomes

The Project Outcomes shown here are displayed verbatim as submitted by the Principal Investigator (PI) for this award. Any opinions, findings, and conclusions or recommendations expressed are those of the PI and do not necessarily reflect the views of the National Institutes of Health. NIH has not endorsed the content below.

No Outcomes available for 1U2RTW011293-01

Clinical Studies

No Clinical Studies information available for 1U2RTW011293-01

News and More

Related News Releases

No news release information available for 1U2RTW011293-01

History











No Historical information available for 1U2RTW011293-01

Similar Projects

No Similar Projects information available for 1U2RTW011293-01

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BU-UL Partnership to Enhance Emerging Epidemic Virus Research in Liberia (BULEEVR)

Project Number
1U2RTW011293-01

Contact PI/Project Leader
HENDERSON, ANDREW
[JOther PIs](#)

Awardee Organization
BOSTON UNIVERSITY
MEDICAL CAMPUS