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Training in Clinical and Epidemiological Research for Liberia (TRACER)

Project Number 1U2RTW011281-01	Contact PI/Project Leader MARTIN, JEFFREY N	Awardee Organization UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
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Description

Abstract Text

Training in Clinical and Epidemiological Research (TRACER) in Liberia (2018 Fogarty D43 Global **Infectious Disease** Research Training Grant Application) ABSTRACT The University of California, San Francisco (UCSF), in collaboration with the National Public Health Institute of Liberia (NPHIL), the University of Liberia, and NIH/PREVAIL, proposes a research training program to provide aspiring young investigators in Liberia with comprehensive didactic, mentored, and experiential training in clinical and/or epidemiological research targeting the etiology of acute febrile illness (AFI), **emerging infectious** diseases (EID)/Ebola and malaria. Our overall goal is to develop a cadre of well-trained investigators who can become part of a sustainable, independent clinical/ epidemiological research and training enterprise in the region. The 2014-2016 Ebola epidemic highlighted the severe lack of health care infrastructure and human resources in the country; Liberia is the 8th poorest country in the world. Our specific aims, based on our experience in Liberia, the country’s main public health **infectious disease** priorities, and the results of a D71-funded needs assessment, are to: 1)Train selected Liberians in clinical/epidemiological research by enrolling them into the UCSF Master’s in Clinical Research (MCR) (N=2) and the PhD program in Epidemiology and Translational Science (N=1); 2) Support graduated trainees to pursue their research careers in Liberia, and to begin teaching others; 3) Promote research on EID/Ebola, acute febrile illness, and malaria, and advance UCSF-Liberian collaborative research; 4) Support and train more advanced Liberian investigators to become effective mentors, and to write grant applications. The MCR program has successfully developed skills of young investigators for the last 20 years, including trainees from lower and middle income countries, nearly 90% of whom have gone onto successful research careers. Both the MCR and PhD programs focus on providing fundamental and advanced skills in research study design and implementation, biostatistics, analysis, epidemiology, and publication and presentation of research. Our experience has demonstrated that success requires intensive mentorship and a supportive in-country environment with research opportunities when trainees return home. UCSF has a strong malaria and EID research community to support trainees and is using cutting-edge metagenomics sequencing technology to determine causes of AFI. We will also make use of the existing research environment and infrastructure at NIH/PREVAIL in Liberia, and at NPHIL. Our shared vision is for Liberia to ultimately develop its own internationally competitive high-quality training program in clinical research.

Public Health Relevance Statement

Training in Clinical and Epidemiological Research (TRACER) in Liberia (2018 Fogarty D43 Global Infectious Disease Research Training Grant Application) PROJECT NARRATIVE This program will provide advanced clinical and epidemiological research training to Liberian early-career investigators, focusing on Ebola, acute febrile illness and malaria. It will strengthen research and educational platforms in Liberia, and improve the country’s ability to respond to acute and emerging infectious disease threats.











NIH Spending Category

- Biodefense
- Emerging Infectious Diseases
- Infectious Diseases
- Rare Diseases
- Vector-Borne Diseases

Project Terms

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Project Number 1U2RTW011281-01		Contact PI/Project Leader MARTIN, JEFFREY N		Awardee Organization UNIVERSITY OF CALIFORNIA, SAN FRANCISCO	
Home environment		Human Resources		Infectious Diseases Research	
Infrastructure		Institutes	International	Liberia	Liberian Malaria
Mentors	Mentorship	Needs Assessment		Public Health	Publications
Read More					

Details

Contact PI/ Project Leader		Other PIs	Program Official
Name MARTIN, JEFFREY N		Not Applicable	Name SINA, BARBARA J
Title			Contact barbara.sina@nih.gov
Contact Martin@psg.ucsf.edu			

Organization

Name UNIVERSITY OF CALIFORNIA, SAN FRANCISCO	Department Type PUBLIC HEALTH & PREV MEDICINE	State Code CA
City SAN FRANCISCO	Organization Type SCHOOLS OF MEDICINE	Congressional District 12
Country UNITED STATES (US)		

Other Information

FOA PAR-18-840	Administering Institutes or Centers FOGARTY INTERNATIONAL CENTER	Project Start Date 10-August-2019
Study Section Special Emphasis Panel[ZRG1 IDM-Z (55)]	DUNS Number CFDA Code 094878337 989	Project End Date 30-April-2024
Award Notice Date 12-August-2019		Budget Start Date 10-August-2019
Fiscal Year 2019		Budget End Date 30-April-2020

Project Funding Information for 2019











Total Funding \$245,955	Direct Costs \$229,958	Indirect Costs \$15,997
Year	Funding IC	
2019	NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES	\$242,812
2019	FOGARTY INTERNATIONAL CENTER	\$3,143

NIH Categorical Spending [Click here for more information on NIH Categorical Spending](#)

Funding IC

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Training in Clinical and Epidemiological Research for Liberia (TRACER)

Project Number	Contact PI/Project Leader	Awardee Organization	
1U2RTW011281-01	MARTIN, JEFFREY N	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO	
NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES	\$242,812	Diseases; Vector-Borne Diseases; Biodefense; Emerging Infectious Diseases; Infectious Diseases; Rare Diseases; Vector-Borne Diseases;	

Sub Projects

No Sub Projects information available for 1U2RTW011281-01

Publications

No Publications available for 1U2RTW011281-01

Patents

No Patents information available for 1U2RTW011281-01

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 1U2RTW011281-01

Clinical Studies

No Clinical Studies information available for 1U2RTW011281-01











News and More

Related News Releases

No news release information available for 1U2RTW011281-01

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Project Number	Contact PI/Project Leader	Awardee Organization
1U2RTW011281-01	MARTIN, JEFFREY N	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

Similar Projects

No Similar Projects information available for 1U2RTW011281-01

Thank you for your feedback!