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Project Number

5UC7AI095321-07

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Similar Projects

National Emerging Infectious Diseases Laboratories Operations

Contact PI/Project Leader CORLEY, RONALD B

Awardee Organization
BOSTON UNIVERSITY MEDICAL
CAMPUS

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Abstract Text

DESCRIPTION (provided by applicant): Overall: Summary The National Biocontainment Laboratory (NBL) at Boston University is known as the National Emerging Infectious Diseases Laboratories (NEIDL). The NEIDL is owned and operated by Boston University (BU) and is located on the Boston University Medical Campus (BUMC). The NEIDL's missions are: 1. To perform cutting- edge basic, translational and clinical research on emerging infectious diseases, including category A, B, and C agents, in order to develop diagnostic tests, treatments and vaccines to promote the public's health; 2. To provide training in these areas of research and to support a national response in the event of a biodefense emergency; and 3. To establish a research facility with the highest attention to community and laboratory safety and security. In order to successfully achieve these missions, the NEIDL's goals are to: 1) Recruit and develop a cadre of investigators and research staff with expertise in the scientific disciplines required to investigate the pathogenesis of emerging infectious diseases caused by category A, B and C agents; 2) Develop animal models for the comparative study of these pathogens, minicking as closely as possible the human disease process; 3) Perform translational, preclinical and clinical research in animals and humans; 4) Develop the methodologies needed to advance the development and testing of vaccines, therapeutics and diagnostics for these agents; 5) Train scientists and related support personnel in the requirements to perform maximum containment research in a safe and secure environment; 6) Maintain the flexibility needed to support a national response in the event of a biodefense emergency; 7) Establish a "safety first" environment for the conduct of all activities i the Institute.

Public Health Relevance Statement

PUBLIC HEALTH RELEVANCE Project Narrative The past three decades have amply demonstrated that new and re-emerging infectious diseases are frequently being identified and represent threats to the health of the public, both nationally and globally. To improve our ability to protect public health from emerging and re-emerging infections it is necessary to understand the nature of the threat, that is its virulence mechanisms and epidemiology, have the necessary tools to rapidly, sensitively and specifically diagnose it, and have drugs for treatment and vaccines and strategies for prevention. The mission of NEIDL is to conduct basic and translational research to enhance our knowledge about these infectious agents and, through our research and collaborations, promote the development of diagnostic, therapeutic, and preventive tools for known and still to be identified microbial threats in a secure and safe environment. Admin-Core-001 - Administrative Core (Description as provided by applicant) Administration: Summary The NEIDL Administration Core Serves as the focal point for support and coordination of all BSL-4 related activities including facilities, safety, service, scientific, and training. The Core also serves as the principal lead for NEIDL's interactions with the national (NBL) and regional (RBL) biocontainment laboratories in the NIAID NBL/RBL network. The aims of the core are to: 1) Manage all NEIDL administrative and scientific support activities including the review process for all BSL-4 scientific projects requesting access to the NEIDL services and facilities; 2) Oversee and coordinate all BSL-4 related NEIDL Committee activities; 3) Work with the Environmental Health and Safety and the Biosecurity Cores to ensure the continued implementation and maintenance of the highest level of a culture of safety and security for all NEIDL activities; 4) Manage BSL-4 related NEIDL finances including the operation of cost-recovery activities for each of the integrated research support service cores; 5) Serve as liaison to key Boston University departments such as the President's Office, Provost's Office, Human Resources, Financial and Business Affairs, Sponsored Programs, Sourcing and Procurement, Post Award Financial Accounting, Corporate Communications, Government and Community Affairs, and Office of Technology Development as needed; 6) Monitor, implement and update the NEIDL Strategic Plan for Operations and Science core activities as they relate to the evolution of activities supported by NIAID; 7) Provide a high level of administrative support to optimize faculty and staff productivity, and to assist Core leads with administrative aspects of their Cores; 8) Coordinate all scientific interactions of the NEIDL with the NIAID NBL/RBL biodefense network, as well as both national and international collaborative research activities, in conjunction with Collaborative Research Services in the Integrated Support Service Core; and 9) Partner with NIAID and other federal agencies in the management of all BSL-4 NEIDL, facilities and operations, biosecurity, regulatory compliance, specialized research support services, and training activities in support of the national biodefense research agenda.

Project Terms

Accounting Advanced Development Animal Model Animals Attention Award Area **Basic Science Clinical Research Collaborations Boston Businesses** Categories Communication **Communities Comparative Study** Containment **Development Diagnosis Discipline Emergency Situation Emerging Communicable Diseases** Diagnostic **Diagnostic tests Ensure Environment Environmental Health Epidemiology Event Evolution Faculty** Goals Government Human **Human Resources** Infection **Infectious Agent** International Labarataria **Infectious Diseases Research** Institutes Knowledge Thank you for your feedback!

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Contact PI/Project Leader CORLEY, RONALD B

Awardee Organization
BOSTON UNIVERSITY MEDICAL
CAMPUS

Contact PI/ Project Leader Other PIs Program Official

Name Not Applicable Name

CORLEY, RONALD B

BOYD, NANCY G

Title Contact
PROFESSOR AND CHAIR nboyd@niaid.nih.gov

Contact
RBCORLEY@BU.EDU

Organization

Name
BOSTON UNIVERSITY MEDICAL

CAMPUS
City
BOSTON

Country
UNITED STATES (US)

Department Type
MICROBIOLOGY/IMMUN/VIROLOGY

Organization Type
SCHOOLS OF MEDICINE

State Code **MA**

Congressional District

07

Other Information

FOA **RFA-AI-15-009**

Study Section ZAI1-TT-M(J1)

Fiscal Year Award Notice Date **2020 10-June-2020**

Administering Institutes or Centers
NATIONAL INSTITUTE OF ALLERGY
AND INFECTIOUS DISEASES

DUNS Number CFDA Code **604483045 855**

Project Start

01-June-2014

01-June-2020

Date

Project End Date 07-July-2021

Budget Start Date

Budget End Date 07-July-2021

Project Funding Information for 2020

Total Funding Direct Costs Indirect Costs \$11,500,000 \$9,669,642 \$2,307,598

 Year
 Funding IC

 2020
 NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES
 \$11,500,000

品 Sub Projects

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Project Number	Sub	Principal Investigator(s)/ Project Leader(s)		Organization		Fiscal Year	Admin IC	FY Tot Cost b
Administrative	Core							
5UC7AI095321- 07	8664	<u>CORLEY, RONALD B</u>		OSTON UNIVERSITY MEDICAL AMPUS	20	20 NIA	JID \$	730,943
Regulatory Cor	mplian	ce Core						
5UC7AI095321- 07	8668	▲ KOSTER, JACOB 🗗	_	OSTON UNIVERSITY MEDICAL AMPUS	20	20 NIA	.ID \$	361,920
Environmental	Healtl	n and Biosafety Regulation	on	s and Requirements Core				
<u>5UC7AI095321-</u> <u>07</u>	8667	<u>MORALES, RON L</u>		OSTON UNIVERSITY MEDICAL AMPUS	20	20 NIA	JD \$1,	550,526
Integrated Sup	port S	ervices Core						
5UC7AI095321- 07	8669	<u>MUHLBERGER, ELKE C</u>		OSTON UNIVERSITY MEDICAL AMPUS	20	20 NIA	.ID <i>\$2,</i> -	433,051
Facility Mainte	nance	and Operation Core						
<u>5UC7AI095321-</u> <u>07</u>	8665	▲ RARICK, MATTHEW D		OSTON UNIVERSITY MEDICAL AMPUS	20	20 NIA	.ID <i>\$3</i> ,	741,369

Biosecurity Core

Thank you for your feedback!

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Publications

Project Number

5UC7AI095321-07

No Publications available for 5UC7AI095321-07

∀ Patents

No Patents information available for 5UC7AI095321-07

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 5UC7AI095321-07

Clinical Studies

No Clinical Studies information available for 5UC7AI095321-07

News and More

Related News Releases

No news release information available for 5UC7AI095321-07

History

No Historical information available for 5UC7AI095321-07

Similar Projects

No Similar Projects information available for 5UC7AI095321-07