

# Southern University Institute for One Health One Medicine



## INVITATION TO PARTICIPATE ONE HEALTH RESEARCH FELLOWS

The Southern University Institute for One Health One Medicine is recruiting faculty members and research scientists to form core teams to write research proposals for each of our four research focus areas:

**Zoonotic Diseases at the Animal Interface**

**Agricultural Health**

**Surveillance of Emerging Diseases**

**One Health Communication and Collaboration**

### **Zoonotic Diseases at the Animal Interface**

Development of exposure and risk-based approaches to prevent transmission of infections between animals and humans (zoonotic diseases) in agricultural and other animal work environments as well as community settings.

### **Agricultural and Animal Health**

Developing ways to better understand and use efficient food production for optimization of good animal health; management practices to promote animal health will be investigated, with a special emphasis on the effect of nutrition on prevention of disease, correction of physiological imbalances, and efficient energy utilization.

### **Surveillance of Emerging Diseases**

Developing informatics tools for linking human and animal disease surveillance for better mapping and prediction of emerging disease threats.

### **One Health Communication and Collaboration**

Developing models for clinical collaboration and communication between physicians, veterinarians, and other animal, human, and environmental/public health professionals at the primary care level.

We are seeking diverse and complimentary researchers that want to collaborate across departments, colleges, and outside the University to foster development of integrated research, education, service, and engagement projects within our program areas.

## **Institute's Vision and Mission**

The Southern University Institute for One Health One Medicine was founded in 2017 to promote interdisciplinary research, teaching, and outreach to improve the lives of all species— animals, humans and plants. The role of the Institute is to frame complex systems challenges that yield useful and sustainable solutions in communities, fulfilling the Southern University Land Grant mission through support of academic units across campus.

Our mission is to promote, improve, and defend the health and well-being of all species through enhanced cooperation and collaboration to advance the concept of one health with the ultimate goals of protecting and saving lives in future generations by accelerating research discoveries, enhancing public health efficacy, expeditiously expanding the scientific knowledge base, and improving medical education and care.

The Institute, under the direction of Dr. Renita W. Marshall, has developed a strategic plan and now is implementing that plan. As such, the Institute intends to launch four research program areas, each with a minimum time horizon of one year. The program areas are: Zoonotic Diseases at the Animal Interface, Agricultural Health, Surveillance of Emerging Diseases, and One Health Communication and Collaboration

### **Funding Cycle**

Project activities are expected to be completed ***within three years***. After each year, the project progress will be evaluated to determine future funding.

### **Content of Applications Submitted for Funding**

**Cover Page** --- (Title of Project; Principal Investigator and Co-Investigators' Names and Contact Information – Use the Proposal Routing Form – Revised 2018).

### **Project Abstract**

**Project Narrative** --- (Limited to a maximum of five pages)

- i. Justification/Problem Statement, Rationale and Significance
- ii. Project Objective(s)
- iii. Literature Review
- iv. Approach and Methods
- v. Expected Outcomes/ Impact
- vi. Project Evaluation Methods
- vii. Project Timetable with Measurable Milestones
- viii. Literature Cited

## Itemized Budget

Description of Expenses	Cost
<b>Total</b>	

## Budget Narrative and Justification

Investigator(s)' Summary Vita – (Limited to two pages for each investigator).

## Proposal Review Criteria –

The Office of Research ***will seek to fund the most worthy projects with the financial resources allocated to the One Health initiative.*** Submitted proposals will be reviewed by ***a committee and may include off-campus evaluators to ensure impartiality and fairness*** to all applicants. Proposals submitted will be evaluated on the basis of the following criteria:

- Is the problem or issue well delineated in the justification/ problem statement section of the proposal?
- Are the Goals/Objectives specific and congruent with the justification/problem defined?
- Does the proposed project contribute to a broader research or outreach program?
- Is the proposed approach feasible and relevant in the context of the problem defined? Will the approach be conducive to positive outcomes/ results in the timeframe of the proposed project cycle?
- Is the proposed budget adequate and consistent with proposed project activities?

- Is the continuation plan clearly explained in the proposal? Will the expected outcome/results of the seed grant lead to future funding of expanded research and/or outreach projects by outside agencies or private sector firms?
- Is the evaluation plan feasible?

**Is this the only way to get involved with the One Health Institute?**

Definitely not! If you are interested in One Health research, projects under each of the Programs will begin to form during the Fall 2019 semester. In addition, we are always seeking input on and involvement with service, education, engagement, and leadership opportunities. Please contact Dr. Renita W. Marshall ([renita\\_marshall@suagcenter.com](mailto:renita_marshall@suagcenter.com)) to learn more.