

**Advancing Public Health  
Research in Eastern Africa  
through Data Science Training**

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UoN: +254 722 317 855

<http://aphrea-dst.org>

Date: 18 March 2022

Ref No: APHREA-DST OLW-01

To: **All Staff**  
Department of Mathematics  
University of Nairobi.

**Subject: Invitation for a half-day event - APHREA-DST Official Launch Workshop**

We are pleased to invite you to the APHREA-DST Official Project Launch Workshop to be held on April 4, 2022 from 8:30am – 12:30pm at University of Nairobi's Towers Room MLT 404. We would also be very pleased if you could be present during our workshop.

**PRINCIPAL INVESTIGATORS**

**Columbia University**  
**Kiros Berhane, Ph.D.**

Cynthia and Robert Citron-Roslyn  
and Leslie Goldstein Professor  
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**Addis Ababa University**  
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**University of Nairobi**  
**Patrick G. O. Weke, Ph.D.**

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**PROJECT DIRECTOR**

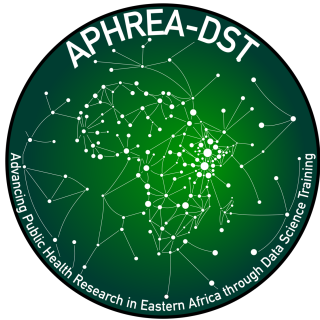
**Isabelle A. Zaugg, Ph.D.**

Program Manager  
Data Science Institute  
Columbia University  
New York, NY, USA  
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APHREA-DST, or Advancing Public Health Research in Eastern African through Data Science Training, is supported by the U.S. National Institutes of Health (NIH) Common Fund and is part of the "Harnessing Data Science for Health Discovery and Innovation in Africa" program. APHREA-DST aims to advance public health research in Eastern Africa by establishing new multi-tiered training programs in health data science, with initial focus on Ethiopia and Kenya. APHREA-DST is a partnership between Columbia University (CU, USA), Addis Ababa University (AAU, Ethiopia) and University of Nairobi (UoN, Kenya). At UoN, partnering institutions include the School of Mathematics, the School of Public Health, and the School of Computing and Informatics.

APHREA-DST project goals include the development of sustainable M.Sc. programs in Public Health Data Science at UoN and AAU, faculty mentoring programs, research immersion opportunities, and short-term training programs for a wide spectrum of trainees from governmental and non-governmental stakeholders and the private sector. The project is partnered with ongoing research projects in the areas of environmental health, exposure assessment, remote satellite data, occupational exposures, climate change, infectious diseases, health surveillance, and health system monitoring and evaluation, allowing APHREA-DST to provide hands-on research experience for trainees.

The APHREA-DST Official Launch Workshop will bring together stakeholders as well as academicians and professionals in Public



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Health, Data Science, Computer Science, Statistics, and related fields in order to introduce the project and discuss the training needs and opportunities with stakeholders. We would be honored by your presence and input.

Sincerely,

**PROF. PATRICK G. O. WEKE**

Professor of Actuarial Science and Financial Mathematics  
and  
Principal Investigator, APHREA-DST  
Department of Mathematics  
University of Nairobi