



**Venue:** JKUAT. **Dates:** 30<sup>th</sup> June 2017 to 28<sup>th</sup> July 2017 (4 Weeks Boot camp residential)

**Application Deadline:** 27<sup>th</sup> June 2017, click the link provided for online application <http://dharc.jkuat.ac.ke/>

### **Overall Objective:**

Health Informatics Governance and Data Analytic (HIGDA) is a cooperative agreement between United States Agency for International Development (USAID) and the Palladium Group as the lead implementing partner (Prime) and JKUAT and PATH as sub grantees.

Project Duration: October 2016 to Sept 2021

Mandate: HIGDA seeks to improve the national and county level health sectors organizational and management capacity in health informatics and M&E. HIGDA activities will be towards building an in country community of Health Systems interoperability experts, by actualizing project's mandate; to support the evolution of various systems and promote sustainability of the National Health Information systems, the project intends to establish, institutionalize and operationalize the Digital Health Applied research Centre (DHARC) by facilitating series of targeted Hackathons and boot camps that info large-scale digital health initiatives and thus fosters Testing, innovation and build economic growth within the Kenya digital healthcare ecosystem

### **Expected Outputs:**

These boot camps will consist of relevant technical training content targeting university students currently undertaking Bachelors courses in Health Information Systems, Computer Science, GIS, Statistics and Public Health. The participants will be engaged through;

1. **Teaming sessions** for invited HIS expert to share industry experience and collaborate with the students by leverage on DHARC specialized ICT assets and students innovation.
2. **Training sessions** with customized content for in person (Tutorial and practical) and online training programs regarding digital health technologies, standards and best practices focusing on impacting and improving technical knowledge necessary in the design, development and implementation of Health Information Systems with special emphasis on existing and planned NHIS applications; relevant to health service provision in Kenya. Delivery of these content will be designed for speed and high-impact learning.
3. **Tooling sessions** for developing and support open source software components and platforms that help 3<sup>rd</sup> party software solutions to be implemented based on standards eHealth interoperability profiles.
4. **Testing sessions** for ready software components and products on conformance and adherence to interoperability standards and guidelines.

**What it is the Bootcamp about?**

The Boot Camp is organized by the College of Health Sciences (CoHES) in collaboration with other relevant schools and directorates in JKUAT. This activity is part of the HIGDA project where JKUAT is a sub-grantee. Universities have a duty and responsibility to equip students with technical capacity to effectively solve problems and develop innovative solutions that ultimately improve our health environment and contribute towards improvement of quality of life of respective citizens.

These activities will expose students to NHIS components hence aid in institutionalizing a community of NHIS interoperability experts who can sustain in-country support on design, development and maintenance of NHIS components across National, County and implementing Partners' health systems. They will, in addition, enable HIGDA achieve its Sub-Purpose 1 on strengthening national governance for health informatics, monitoring and evaluations, learning and accountability systems.

**Participant mobilization and sensitization:**

Third and Fourth year students undertaking Bachelors courses in Health Records and Informatics, Computer Science, GIS, Statistics, Medicine, Pharmacy, Nursing, Medical Laboratory Sciences and Public Health will be targeted. In addition, 1<sup>st</sup> and 2<sup>nd</sup> year students may be selected based on software programming, health case management, analysis and statistical competence.

**Note: Further details about the Bootcamp resource requirement will be mailed to those who enroll through <http://dharc.jkuat.ac.ke/>**