Human Heredity and Health in Africa (H3Africa)
Enabling the genomic revolution in Africa

H3Africa is developing capacity for health-related genomics research in Africa

By The H3Africa Consortium

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The Human Heredity and Health in Africa (H3Africa) Initiative aims to facilitate a contemporary research approach to the study of genomics and environmental determinants of common diseases with the goal of improving the health of African populations. To accomplish this, the H3Africa Initiative aims to contribute to the development of the necessary expertise among African scientists, and to establish networks of African investigators.
Key Dates:

- Letter of Intent Due Date: September 15, 2016 - just over a month away!
- Application Due Date: November 15, 2016

Links to the H3Africa FOAs:

1. Human Heredity and Health in Africa (H3Africa): Informatics Network (U24) (RFA-RM-16-011)
2. Human Heredity and Health in Africa (H3Africa): Global Health Bioinformatics Research Training Program (U2R) (RFA-RM-16-012)
3. Human Heredity and Health in Africa (H3Africa): Ethical, Legal, and Societal Issues (ELSI) Research Program (U01) (RFA-RM-16-013)
4. Human Heredity and Health in Africa (H3Africa): Ethical, Legal, and Societal Issues (ELSI) Collaborative Centers (U54) (RFA-RM-16-014)
5. Human Heredity and Health in Africa (H3Africa): Research Projects (U01) (RFA-RM-16-015)
6. Human Heredity and Health in Africa (H3 Africa): Collaborative Centers (U54) (RFA-RM-16-016)
7. Human Heredity and Health in Africa (H3Africa): Coordinating Center (U24) (RFA-RM-16-017)
All H3Africa Awards

- Cooperative agreements – input from NIH program staff
- Participate in the H3Africa consortium
- Agree to data and sample sharing
- Awards made to African institutions of higher education, PI must have an appointment at the institution and be a citizen of an African country
- >50% of the money should be spent in Africa
- Goal of building capacity in Africa
RFA-RM-16-016
H3Africa Collaborative Centers U54

• 3-5 collaborating research projects working together to accomplish more than each project could accomplish on its own

• At least three different African institutions; other collaborators as needed

• state of the art genomics approaches to study genetic and environmental contributors to specific health condition(s) or disease(s) relevant to African populations

• Up to $1M total cost/year for 5 years
RFA-RM-16-015
H3Africa Research Projects
U01

• discrete, specified, circumscribed research project, conducted by a single investigator or multiple investigators

• employs state-of-the-art genomics approaches and relates to the study of genetic and/or environmental contributors to specific health condition(s) or disease(s) relevant to African populations

• Up to $250,000/year for up to 5 years
RFA-RM-16-014
H3Africa ELSI Collaborative Centers U54

- Collaborative Centers to study ethical, legal and social implications (ELSI) of human genome research across the African continent.
- Bioethical, legal, and social science analyses of new or emerging issues that affect multiple communities across the continent of Africa.
- 3 or more collaborating research projects working together to accomplish more than each project could accomplish on its own.
- At least two additional African institutions.
- Up to $500,000/year for up to 5 years
RFA-RM-16-013
H3Africa ELSI Research Projects U01

• To study the ethical, legal and social implications (ELSI) of human genome research in African populations

• Focused bioethical, legal, and social science analyses

• New or emerging issues encouraged

• Will work with the H3Africa ELSI Collaborative Centers

• Up to $100,000/year for up to 4 years
RFA-RM-16-012
H3Africa Global Health Bioinformatics Research Training Program U2R

- Bioinformatics research training programs at low or middle income (LMIC) African country institutions with significant genomics research capacity
- Graduate degree and long term postdoctoral bioinformatics research training
- Address the need for bioinformatics research expertise in the H3Africa Consortium and result in sustainable centers of bioinformatics research training relevant to global health research for the African continent
- Up to $250,000/year for 5 years
• Informatics Network for the Human Heredity and Health in Africa (H3Africa) Consortium

• Provide platform to manage and share H3Africa data

• Expand capacity for analyzing genomic data on the African continent

• $2.5M/year for 5 years
RFA-RM-16-017
H3Africa Coordinating Center
U24

• Administrative Coordinating Center for the H3Africa Consortium

• Provide the organizational framework for the management, direction, and overall coordination of all common H3Africa activities

• Up to $400,000/year for 5 years