



# NIH Training Event



Faculty of Medicine and Health Sciences: Research Development and Support 09 Nov 2017 (#41)

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## International Summit in Human Genetics and Genomics

The [International Summit in Human Genetics and Genomics](#), sponsored by the National Human Genome Research Institute (NHGRI) and the Foundation for the NIH, trains **early-mid career** health care professionals and trainees from developing nations. Research scientists, physicians, dentists, dentist-scientists, nurses, counsellors and medical, dental and graduate school trainees can apply.

**Sponsorship:** Selected candidates will be fully sponsored (travel, local transportation, lodging, per diem) for the duration of the Summit from **29 August - 28 September 2018**. Self-sponsorship may be possible.

**Background:** The Human Genome Project (HGP), led by the National Human Genome Research Institute (NHGRI) at NIH, was the world's largest, government sponsored, collaborative, biological project that led to the development of a reference sequence for the human genome. Many scientists and consortia are now working on collecting data on variations in human genes and their association with disease (e.g. Human Variome Project, UNESCO, ClinVar, ExAC etc). It is anticipated that these efforts will help find new, improved and cost-effective approaches for diagnosing, treating and preventing diseases, and will thereby reduce the burden of disease and disability on vulnerable populations and alleviate the economic stress attributed by disease and disability in the world. This summit is a 5-year initiative (2016-2020) designed to help developing nations build and expand their knowledge base, infrastructure, systems, research efforts and technologies in human genetics and genomics. Increasing their access to these resources will help them build capacity in these areas and will help resource-poor countries address their public health challenges in genetic diseases. This will ultimately help build healthier nations worldwide.

**Eligibility and Application:** The program is intended to train healthcare professionals and trainees from developing nations that are in their early-mid careers. The curriculum is designed in English for healthcare professionals with an advanced understanding of the biological sciences. Hence, research scientists (Ph.D.), physicians (M.B.B.S./M.D.), dentists (D.D.S./D.M.D.), dentist-scientists, nurses (M.S./Ph.D.), counselors (M.S./Ph.D.) and medical, dental and graduate school trainees can apply. Selected candidates will be fully sponsored (travel, local transportation in the United States, lodging and per diem) for the duration of the summit. Participants will share lodging quarters with another participant (same sex) to reduce costs. Attendance at all events is required.

**Application:** Interested and qualified candidates must apply on official letterhead and signatures and three letters of recommendation on official letterhead.

**Application deadline:** December 31, 2017. Please submit your applications in full via email to [mkaur@mail.nih.gov](mailto:mkaur@mail.nih.gov). Incomplete applications will not be considered. Seats are limited, so please apply early.

**See full details and follow instructions:** <https://www.genome.gov/internationalsummit/>