

GET

GENOMES • ENVIRONMENTS • TRAITS

CONFERENCE

A GATHERING OF LEADING THINKERS TO DISCUSS
HOW WE MEASURE AND UNDERSTAND HUMAN
HEALTH AND APPLY THIS KNOWLEDGE
FOR EVERYONE'S BENEFIT.

AGENDA

The Genomes Environments and Traits Conference has explored the frontiers of understanding about human biology and served as an annual forum to debate technical, commercial, and societal impacts of new technology in human health.

SESSIONS

Integrated Personal Omics Profiling, chaired by Mike Snyder (Stanford)

Microbiomes, Health & the Built Environment chaired by Rob Knight (UCSD)

AI & Medicine chaired by Joi Ito (MIT)

Networked Biomedical Research, chaired by Corrie Painter (Broad Institute)

DETAILS

April 25-26, 2016 at the Martin Conference Center in Harvard Medical School.
Boston, Massachusetts USA

More information, visit our website: www.getconference.org
Twitter: @attendGET & #GET2016

ABOUT US



PersonalGenomes.org



Personal
Genome
Project



Open
Humans



SCHEDULE AT-A-GLANCE

MONDAY APRIL 25TH, 2016

12pm-5pm **GET LABS** (separate registration required)

5:30pm **GET CONFERENCE REGISTRATION**

6:00pm **GETy AWARDS**

6:45pm **RECEPTION**

TUESDAY APRIL 26TH, 2016

8am **GET CONFERENCE**

Sessions

Integrated Personal Omics Profiling, chaired by Mike Snyder (Stanford)

Microbiomes, Health & Build Environment chaired by Rob Knight (UCSD)

AI & Medicine chaired by Joi Ito (MIT)

Networked Biomedical Research, chaired by Corrie Painter (Broad Inst.)

5:30pm adjourn

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OUR COMMUNITY

More than 100 leading thinkers have spoken at GET Conference gatherings over past 6 years, such as:

LUMINARIES: James Watson (Nobel laureate), Wally Gilbert (Nobel laureate), George Church (Franklin laureate), Steven Pinker (Time Magazine's 100 most influential people), Sir John Chisholm (Genomics England).

PATHBREAKERS: Stephen Friend (Sage BioNetworks), Rodrigo Martinez (IDEO), Esther Dyson (Investor), Geraldine Hamilton (organ-on-a-chip), Larry Smarr (quantified patient), David Altshuler (Broad Institute), Juhan Sonin (design), Jose Gomez-Marquez (devices), Rachel Kalmar (wearables).

PIONEERS: Heidi Rehm (molecular dx), Richard Delerins (food + biology), Diana Bianchi (fetal DNA), Anne West (citizen science), Robert Green (newborn genome sequencing), Ryan Phelan (mammoth revival), John Wilbanks (data commons), Deborah Estrin (small data).

EXPLORERS: Svante Pääbo (neanderthal genomics), Rob Knight (human microbiome), Eric Alm (fecal transplants), Rumi Chunara (viral profiling), Ian Lipkin (pathogen surveillance), Andreas Keller (olfactory response), Randy Buckner (connectome), Steve Scherer (copy number variation), Daniel MacArthur (loss of function variation), James Lupski (neuropathies), Holly Menninger (home microbiome), Ting Wu (epigenetics), Timothy Spector (twins registry), Elaine Holmes (metabolomes).

LEADERS: Jay Flatley (Illumina), Greg Lucier (Life Technologies), Stefan Roever (Genia), Ira Klein (Aetna), Stephen Quake (Helicos founder), Jonathan Bingham (Google), Rade Drmanac (Complete Genomics), Daniel Vorhaus (Genomics Law Report).

RACONTEURS: Robert Krulwich (Radiolab), Jack Hitt (author), Skip Gates (Faces of America), Carl Zimmer (author/journalist), Alastair Dant (NY Times Interactive), David Ewing Duncan (author), Thomas Goetz (Iodine), Juan Enriquez (biotechnonomy), John Laueran (Bloomberg), Misha Angrist (writer), AJ Jacobs (Global Family Tree).

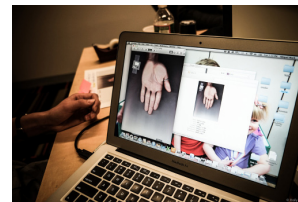
ADVOCATES: Sharon Terry (Genetic Alliance), Jimmy Lin (rare disease), Madeleine Ball (sharing), Julia Brody (environmental health), Dana Waring (pgED), Jeff Carroll (HDBuzz), Sandra de Castro Buffington (Science in Hollywood, 100 Most Influential Hispanics), Steven Keating (data access), Sarah Gray (organ donation).

SPONSORS: We are also grateful for previous support from incredible sponsors, including global leaders such as: Autodesk, Complete Genomics, Genentech, Genia, Google, GSK, Harvard Medical School, IBM, Illumina, InGenuity Systems, Ion Torrent, Isilon Systems, Life Technologies, Microsoft, Novartis, Personalized Medicine Coalition, Procter & Gamble, Qiagen, Roche, The Franklin Institute, Theragen, Third Rock Ventures, Unilever, University of Pennsylvania, Wyss Institute.

GET GENOMES • ENVIRONMENTS • TRAITS LABS

AN INTERACTIVE EVENT FOR PEOPLE INTERESTED IN
ADVANCING HUMAN HEALTH THROUGH DIRECT
PARTICIPATION IN RESEARCH. MEASUREMENT OF
GENOMES, ENVIRONMENTS, AND TRAITS.

Featuring participatory research studies, tools & platforms, demos & more



Some past activities:

- flu symptoms
- 4D facial morphology
- whole genome sequencing
- olfactory response
- dermatoglyphs
- face mites
- areola features
- ecology of the home
- eccrine sweat gland density
- brain activity (fMRI)
- gut microbiome
- activity levels
- oily skin
- absolute pitch
- cognitive function
- physiological response
- blood & saliva collection
- environmental exposures
- genome interpretation
- wearable sensors
- iPS cell lines
- armpit microbiome
- privacy preferences
- identifiability of data
- trait prediction from DNA
- circadian rhythms
- genetic ancestry
- user interfaces
- viral profiling
- limb length
- avatars

Apply to bring your study, project, demo, product/service, tool, platform.
Limited travel awards available. <http://www.getconference.org/get2015/labs.html>

GETy AWARDS

Honoring Excellence in Participant-Centered Research

AWARD CATEGORIES

COMMUNICATIONS AWARD: This award recognizes making biomedical science and human research understandable to broader audiences.



DIVERSITY AWARD: This award recognizes excellence in promoting diversity in human research.



GOVERNANCE AWARD: This award recognizes innovative methods for conducting ethical human subjects research.



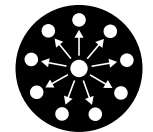
PARTICIPANT PIONEER AWARD: This award recognizes people who have blazed new trails as research participants.



PEOPLE'S CHOICE AWARD: This award recognizes excellence in biomedical and human research, as voted on by members of the Open Humans community. Award Champion: John S. and James L. Knight Foundation



SHARING AWARD: This award recognizes excellence in making biomedical research more open, equitable or transparent.



TOOLMAKER AWARD: This award recognizes the people behind a new tool, platform, website, app, or service that facilitates participant-centered research.



NOMINATIONS:

www.getconference.org/nominate.html