#### En Route to a "2020 Vision for Genomics"



#### Eric Green, M.D., Ph.D. Director, NHGRI



National Human Genome Research Institute

#### Official Launch: February 12, 2018



U.S. DEPARTMENT OF HEALTH & HUMAN SERVICES NATIONAL INSTITUTES OF HEALTH

> National Human Genome Research Institute www.genome.gov

#### FOR IMMEDIATE RELEASE

Monday, February 12, 2018 11 A.M. Eastern

Contact: NHGRI Communications (301) 402-0911 NHGRIPress@mail.nih.gov

#### Developing a 2020 vision for genomics: NHGRI launches new round of strategic planning

The National Human Genome Research Institute (NHGRI) today launched a new round of strategic planning that will establish a 2020 vision for genomics research aimed at accelerating scientific and medical breakthroughs. In developing the strategic plan, the institute will engage experts and diverse public communities to identify paradigm-shifting areas of genomics that will expand the field into new frontiers and enable novel applications to human health and disease.

#### Video of Announcement Available at...

#### https://youtu.be/cCazVxD2isl

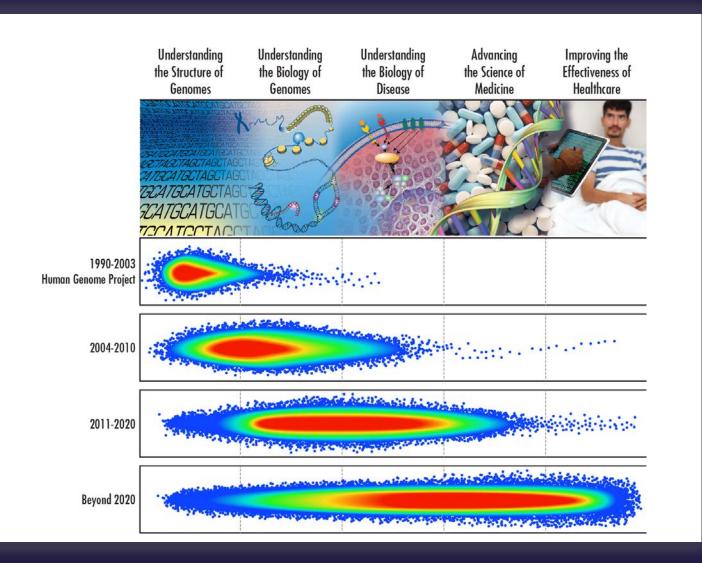


# The Forefront of Genomics®



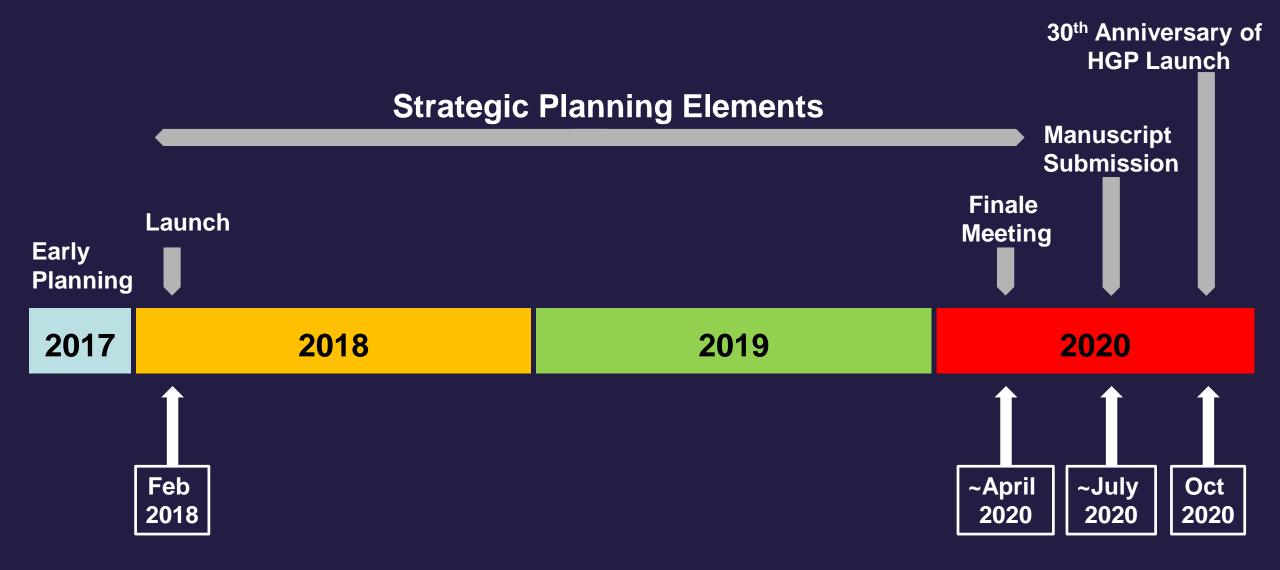
<sup>1</sup>National Human Genome Research Institute, National Institutes of Health, 31 Center Dr., Bethesda, Maryland 20892-2152, USA "Lists of participants and their affiliations appear at the end of the paper.

#### 2011-Present En Route to Genomic Medicine



It is hard to claim (or believe) that a 2011 strategic plan represents a suitable blueprint for genomics or NHGRI in 2020 (and beyond)

#### "Genomics 2020" Strategic Planning Timeline



#### **"Genomics 2020" Strategic Planning Elements**

- Workshops
- Town Halls
- Gatherings at Existing Meetings
- Dedicated Web Page



- Social Media Tools (e.g., #genomics2020)
- Engagement of Advisory Groups
- Finale Meeting



#### "Genomics 2020" Strategic Planning Timeline



#### **Overarching (and Difficult) Issue: Scope**

Is the "Genomics 2020" strategic planning process about the future of genomics as a field -OR -

the future of NHGRI-supported genomics research?

#### 2020 and Beyond NHGRI-led Genomics Efforts Starting Next Decade

Cancer Genomics

**Microbial Genomics** 

#### **Prototypic Mainstream Areas:**

Technology development Genome function and variation Epigenomics Genome-environment interactions

Genomic medicine implementation Genomics workforce development Policy development/implementation ELSI of genomic advances

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**Microbiome Research** 

NHGRI 🕽 •

**Other???** 

#### **Overarching (and Difficult) Issue: Scope**

# Is the "Genomics 2020" strategic planning process about the future of genomics as a field -OR -

the future of NHGRI-supported genomics research?

#### **Evolving Answer:**

The "Genomics 2020" strategic planning process will focus on *The Forefront of Genomics* – as it pertains to human health and disease

#### The 2020 NHGRI Strategic Plan will Aim to...

- Be the driving force for much of genomics at NIH and around the world
- Provide a clear (i.e., 2020) vision for using genomics to advance human health
- Guide NHGRI's scientific priorities and shape our research portfolio
- Foster partnerships with research, healthcare, education, policy, and various general-public communities

Help to define NHGRI's position at:

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### Website: genome.gov/genomics2020

## Email: genomics2020@mail.nih.gov

Hashtag: #genomics2020

