

Implications of Affordable Whole-Genome Sequencing

Charis Eng, M.D., Ph.D.

Secretary's Advisory Committee on Genetics, Health, and Society

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Background

- December 2008: during the priority-setting process, implications of affordable whole-genome sequencing (WGS) was included in the priority area for genetics and the future of the health care system
- February 2010: SACGHS identified topics for an exploratory session on the implications of affordable WGS
- June 2010: initial exploratory session that examined the quality and management of WGS data, ELSI issues, and the impact of WGS data on clinical practice and the economics of health care; the Committee decided to form a task force
- August - September 2010: The task force assisted in identifying topics and speakers for the October SACGHS meeting.

SACGHS Task Force on Implications of Affordable Whole-Genome Sequencing

SACGHS Members

Paul Billings (Co-Chair)

Charis Eng (Co-Chair)

Janice Bach

Gwen Darien

Jim Evans

Andrea Ferreira-Gonzalez

Sam Nussbaum

Charmaine Royal

Staff Lead: Cathy Fomous

Ex Officios

Muin Khoury, CDC

Jonathan Gitlin, NIH

Ad hoc Members

Ellen Wright Clayton

Emily Edelman

Martin Reese

Clifford Reid

Session Goals

- Learn about the practical implications of affordable WGS from the laboratory and clinic perspectives
- Identify the issues and needs in this topic area that should be brought to the Secretary's attention and come to consensus on any guidance or recommendations that would address these needs

Session Overview

- Speaker presentations: two presentations, each ~15 minutes and 5 minutes for questions
- Committee discussion (~75 minutes) to
 - Probe the practical implications of WGS in the laboratory and clinic
 - Come to consensus on guidance and/or recommendations for the Secretary