

Concept Clearances for the NHGRI Genome Sequencing and Analysis Program

National Advisory Council for Human Genome Research

September 8, 2014



National Human Genome
Research Institute

III: Genome Sequencing Program Coordinating Center (GSPCC)

PURPOSE

With HG staff:

- Infrastructure for progress and cost tracking through multiple large projects
- Logistics– tracking/scheduling calls, meetings; posting minutes, etc.
- Community workshops/consultations for choosing new projects with CDVD; for coordination within an ongoing project

NHGRI program staff currently does this for the existing programs. With multiple large projects we will need more, and more functionality (web resources, project databases).

Genome Sequencing Program Coordinating Center (GSPCC)

PURPOSE

New:

- Certain analysis activities that arise separately within, or cut across, the CDVD and CMG programs (e.g., some QA, reconciliation of variant calls done by multiple groups)
- With CDVD, assessing when a project is complete (*Comprehensive*)– projects are likely to be spread over multiple centers– and thus some role in project design including sample choice
- Analysis of what it will take to leverage program data into common controls (is it useful/feasible to make a community resource?)
- Given the connection of these programs with others, the GSPCC may also have a role in coordinating other activities that may arise across programs.
- Generally, an equal participant in the research network

Not a data coordinating center

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Challenges

- Highly dependent on getting “the right people” because of need for interaction, flexibility, and broad expertise
- Solicitation and applicants will need to anticipate initial projects and their organization
- Consider awarding this later than the production centers to allow negotiation of aims based on “knowns”

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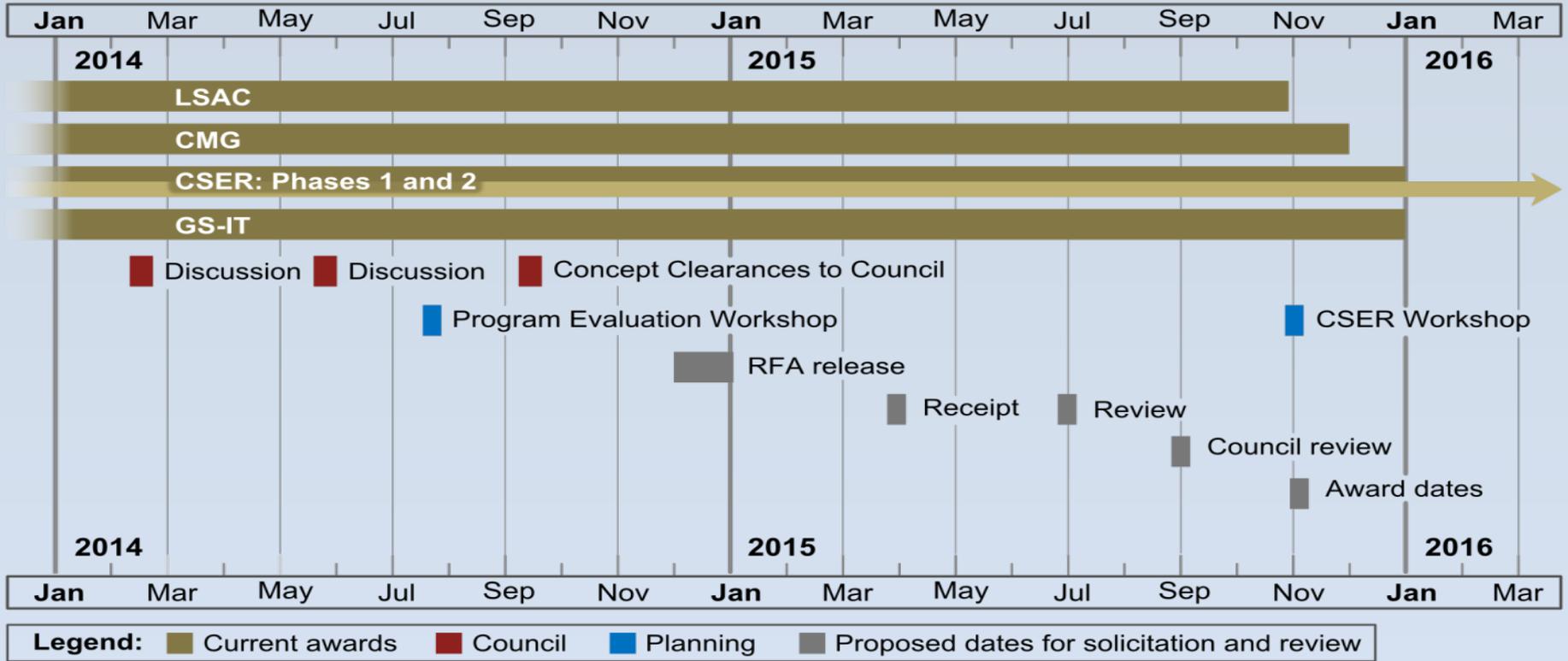
Funding and Mechanism

- \$1.5M/year, 4 years
- Cooperative Agreement (one award)
- Production center grantee institutions not eligible for funding

Concepts

- I. **Common Disease Variant Discovery:** \$60M/year; 4 years
- II. **Centers for Mendelian Genomics:** \$10 M/year; 4 years
- III. **GSP Coordinating Center** \$1.5 M/year; 4 years

Timeline



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END