Proposed mechanisms for funding collaborative genomic projects that capitalize of existing studies

Lisa Brooks, NHGRI
Robert Karp, NIDDK
Pamela McInnes, NIDCR
Mark Rohrbaugh, OD, NIH
Winnie Rossi, NIA
Gerald Sharp, NIAID
William Sharrock, NIAMS

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Issues to consider

- Intellectual Property
- Data Sharing
- Consent Issues
- Cost
EXPLORATORY PROJECTS FOR LONGITUDINAL GENETIC EPIDEMIOLOGIC STUDIES ON AGING


GOAL: Develop a Basic and Epidemiologic infrastructure to identify genotypes that predispose to human longevity or protect against multiple age-related diseases and disabilities and learn how they do it.

PI: Steven Cummings, University of California, San Francisco
15 of the largest human aging-related studies including:

- Cardiovascular Health Study
- Women’s Health Initiative
- Health ABC
- The Study of Osteoporotic Fractures
- The Rotterdam Study
- Honolulu Heart Study
- The New England Centenarian Study

Total number of study subjects: 150,000 (all with blood collected)
Consortium Structure

- Review Committee
- External Advisory Board
- NIA

- Basic Laboratories
  - Epidemiologic Studies
  - Steering Committee
  - Genomics Core
  - Administrative Core
  - Biostatistics Core
Rapid review and distribution of reserve funds for replication and confirmation studies within the consortium

- Test finding from a laboratory study in an epidemiologic study
- Replicate a finding from one human cohort in other human cohorts
- Confirm a basic or epidemiologic findings from outside the consortium
- Pilot data (e.g., genotyping) for RO1 applications generated from the Consortium