NOSI: Urgent Competitive Revisions to IDeA and NARCH Programs for SARS-CoV-2 Surveillance Studies

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March 5, 2021
**Goal and Requirements**

**Notice:** NOT-GM-21-031

**Goal:** Increase SARS-CoV-2 genome sequence surveillance in IDeA states and Tribal Nations, which is severely lacking in available data, and improve tracking of variants

**Research to be supported:**
- Must propose sequencing studies, large study sample size strongly encouraged
- Must address one or more of the questions in the NOSI
- Should leverage established SARS-CoV-2 testing studies or programs, using FDA-authorized tests
- If studies among populations undergoing vaccination are proposed, MUST partner with an ongoing vaccination program
- Must provide the Letters of Support from any collaborating testing or vaccination programs
Eligibility

- One application allowed per parent IDeA-CTR, COBRE, INBRE, or NARCH grant
- Parent award must be active (not in NCE) when the NOSI supplement is submitted
- PI(s) on the application MUST be the same as on the parent award
  - PIs and their labs cannot receive research fund from IDeA awards. Research project must be led by another investigator(s).
- IDeA awards: no funding for non-IDeA states or foreign sites except as fee-for-service
- NARCH: foreign sites OK if the ancestral Tribal catchment area crosses national boundaries
Application and Submission Information

- Apply by March 31 using **PA-18-935** and enter NOT-GM-21-031 in Box 4b
- Must use FDA-authorized/approved diagnostic tests
- $500,000 maximum direct costs for 1-year budget
  - Major portion is for genome sequencing and analysis
  - No support to develop sequencing or testing technologies, no equipment over $5,000
- Commit to depositing sequence data into **Genbank**, where not prohibited
Key Elements of the Review Criteria

- **Significance**
  - Inform public health for control of the pandemic

- **Investigators**
  - Prior experience relevant to SARS-CoV-2, collaborations with testing/vaccination programs

- **Research Design**
  - Workflow, feasibility, relationship to parent grant

- **Testing**
  - Types of tests and sequencing protocols/resources

- **Outcomes**
  - Plans to report back to testing or vaccine program partners

- **Data Sharing Plan**
  - Access to sequences with metadata
Q&A Session