Grant Title: BUILDING COMMUNITY AND CAPACITY FOR DATA-INTENSIVE RESEARCH IN THE SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES AND IN EDUCATION AND HUMAN RESOURCES

Funding Opportunity Number: 13-519. CFDA Number(s): 47.075, 47.076, 47.080.

Agency/Department: National Science Foundation; Directorate for Social, Behavioral & Economic Sciences; Division of Behavioral and Cognitive Sciences; Division of Social and Economic Sciences; Directorate for Education & Human Resources; Research on Learning in Formal and Informal Settings; Office of Cyberinfrastructure.

Area of Research: Enable research communities to develop visions, teams, and capabilities dedicated to creating new, large-scale, next-generation data resources and relevant analytic techniques.

Release and Expiration: Release Date: December 03, 2012.

Application Deadline: February 27, 2013.

Amount: It is expected that most awards will range from $100,000 to $500,000 in size. Budgets outside this range will be considered based on adequate justification. Proposals may include requests for multiple workshops over the duration of the award. Estimated Number of Awards: 20-25.

Length of Support: Awards are expected to be one, two, or three years in duration.

Eligible Applicants: Unrestricted.

Summary: The purpose of this announcement is to encourage submission of proposals for activities that will enable communities to develop visions for data-intensive SBE and EHR areas of research. In some cases large scale databases may already exist, but the infrastructure such as tools and communities to utilize the data may be in need of development. In other cases appropriate activities may include the design of large scale databases and/or associated analytic tools. Databases could include traditional relational data, collections of historical data, or many other forms of structured sets of data. The primary objectives of proposals under this announcement are to organize a research community or engage an existing research community to design and, perhaps, prototype data-intensive research infrastructure for the SBE and EHR areas of research. Proposals should make clear how the proposed activities will enable promising SBE or EHR research that would not otherwise be possible. Submitted proposals for FY 2013 should focus on the development of communities, plans for database design or utilization, and infrastructure (including analytic tools) within which identified research may effectively proceed. The 2012 and 2013 competitions are designed to permit research teams to establish the groundwork for larger scale (approximately $1,000,000) projects in future competitions which would either result in a developed database or research tool or provide the basis for a significantly larger NSF request. Thus, while FY13 stresses community involvement in the design of the infrastructure, FY14 is anticipated to allow implementation projects, as well as continued community building efforts. Successful proposals will outline activities that will have significant impacts across multiple fields by enabling new types of data-intensive research. Investigators should think broadly and create a vision that extends intellectually across multiple disciplines and that includes--but is not limited to--the SBE or EHR areas of research. Proposals will need to describe the bodies of data and other resources that will be involved in the infrastructure. "Infrastructure" includes data, data structures, metadata, analytics and those tools needed to facilitate research in SBE and EHR areas of research. Investigators should think creatively about data and consider new data collections, repurposed existing data, and new approaches to data as appropriate for the research questions of interest. Novel approaches are encouraged. An explicit goal of this competition is to focus on building broad and large scale infrastructure which extends well beyond a single discipline and which will be utilized by a large number and wide range of researchers.