

“Advancing Biomedical Science Using Crowdsourcing  
and Interactive Digital Media (UH2)”

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Dial In Number: 1-240-276-6338  
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# Applicant Information Webinar for

## RFA-CA-15-006

Big Data to Knowledge (BD2K)

“Advancing Biomedical Science Using Crowdsourcing  
and Interactive Digital Media (UH2)”

David Miller, NIH

April 29, 2015

2:00 – 3:00 PM EDT

# Big Data to Knowledge

- BD2K is a trans-NIH initiative established to enable biomedical research as a digital research enterprise...
  - Facilitate discovery
  - Support new knowledge
  - Maximize community engagement

<http://bd2k.nih.gov>

# RFA Purpose

“Develop interactive digital media that engages the public in performing some aspect of biomedical research via crowdsourcing”

- Crowdsourcing:
  - Data analysis tasks, distributed to “the crowd”
  - Aggregate contributions used for larger analysis
- Foster new development or significant adaptations of existing methods & software

# Research Objectives & Scope

- Expected that investigators will show feasibility for their approach by:
  - having a crowd of participants use the software
  - making some measurable progress toward addressing the biomedical research problem
- Open to all NIH-relevant data types
- “Big Data” is not strictly defined

# Research Strategy

1. Define the biomedical problem & amenability to crowdsourcing
2. Describe the how you address the problem
3. Describe the role of crowd participants
4. Describe your design and development strategy
5. Describe participant recruitment plan

# Scored Review Criteria

- Consider the ***FOA specific*** review questions defined in Par 2, Section V.

## “Application Review Information”

- Significance
- Investigators \*
- Innovation \*
- Approach \*
- Environment

# Additional FOA-specific Items

## **SF424(R&R) Senior/Key Person Profile**

“Additionally, explain how the team contains the expertise necessary from both the biomedical research and game development or interactive media domains to bring sophisticated and quality interactive digital media design approaches to biomedical research.”

## **R&R or Modular Budget**

“The annual budget must include funds for travel by the PD(s)/PI(s) to participate in a required BD2K Consortium meeting held within the United States, at a location to be determined by NIH staff.”



# Support & Funding

- **Mechanism of Support:**  
UH2 Exploratory/Developmental Cooperative Agreement
- **Application Type:** New Applications
- **Budget:** Not to exceed \$200K per year (direct costs)
- **Project Period:** 2 years
- **Eligible Applicants (RFA Part 2, Section III):**
  - Universities, Companies, Small Businesses, Non-profits...
  - Non-U.S. components are eligible
  - Foreign Institutions are **not** eligible

# Key Dates

Letter of Intent Date: May 3, 2015

Application Due Date: June 3, 2015

Anticipated Review Date: Aug/Sept, 2015

Earliest Anticipated Start Date: Feb/Mar 2016

# Contact Information

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