



National Institute of  
General Medical Sciences

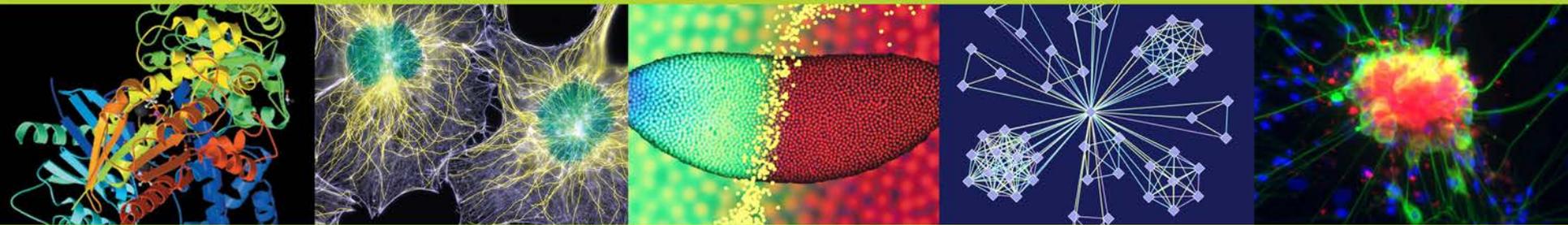


# Biomedical Technology Research Resources Concept Clearance

September 16, 2016

**Susan Gregurick, Ph.D.**

Director, Division of Biomedical Technology, Bioinformatics,  
and Computational Biology





# Biomedical Technology Research Resource Program

**Mission:** Provide investigators with the necessary cutting edge tools and environments to advance biomedical research

➤ **Evaluation:** Expert panel, December 2015

- Assessed integration, functions, and performance of the program
- Identified considerations, made recommendations

➤ **NIGMS:** Working group of NIH staff

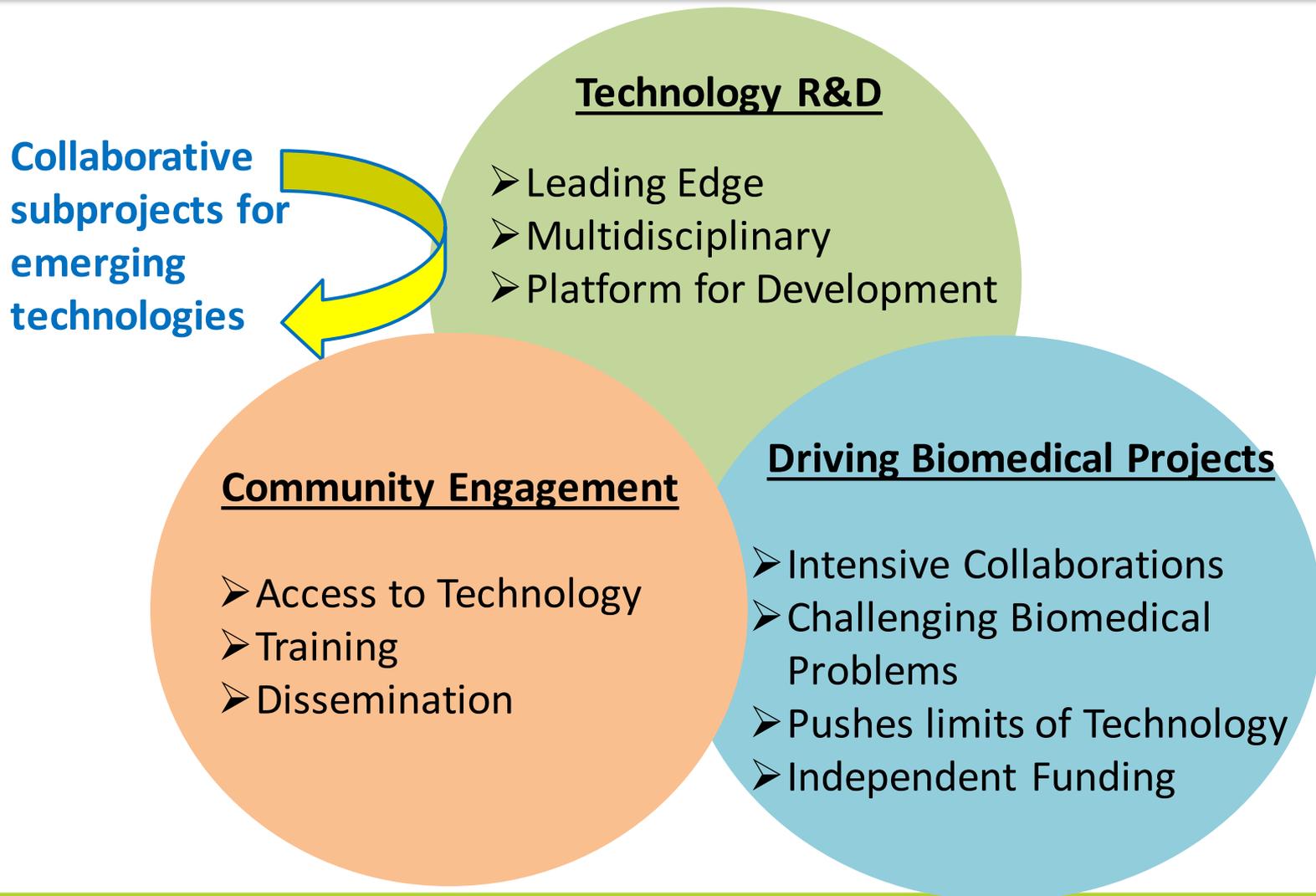
- Reviewed the recommendations from the evaluation
- Developed plan for implementation

# Recommendations from 2015 Evaluation

- 1) Increase the flexibility and nimbleness of the program
- 2) Incorporate missing technologies into the program
- 3) Increase new research directions and program turnover and implement a comparative review process
- 4) Enable better integration of the program with the overall technology development plans at NIGMS.

# The BTRR Program

## Technology Development and Community Access



# The BTRR Program: Major Changes and Rationale

## Technology Research and Development

- **Collaborative Subprojects to integrate emerging technologies**
  - Flexibility to engage technology developers
  - Faster, more efficient progress

## Community Engagement

- **Integration of Access, Training and Dissemination**
  - Tailored, responsive approaches to community needs
  - Simplified application and review

## Peer Review

- **Standing Study Section for integrated, comparative review**
  - Consistency and clarity
  - Improve program planning and management

# Biomedical Technology Research Resources

**Announcement type:** PAR

**Activity Code(s):** P41

**FY funds:** FY18-FY20

**Funding Source:** Centers (BTRR) allocation

**Set-aside in 1<sup>st</sup> year:** \$10,000,000

**Maximum length of award:** 5 years, renewable

**Number of awards:** 4 to 6 per year

**New Award direct cost/year:** \$800,000

- Serve as a technology hub: develop, integrate and adapt emerging technologies
- Streamline and simplify the program structure, allow PIs more flexibility
- Require a long term sustainability plan for the technologies and resources.
- Expert panel review with emphasis on technological innovation and impact
- Expect most BTRR Centers will not be renewed beyond three cycles (15 years).