Translational Research Survey

To better understand the broader impact of our research enterprise, specifically how our research is moved into application.
Methods

- Survey distributed April 2017
- 10 Questions
- Topic areas:
  - University role and school affiliation
  - Type of research
  - Application of research products
  - Value of research application
  - Successes of research application
  - Barriers to research application
  - Definition of translational research
Results

- 866 Responses
- All schools and colleges represented
- All ranks from graduate student to full professor
How would you describe your research?

![Bar chart showing distribution of research areas]

- Arts/Humanities: 100
- Basic Biological, Physical or Social Sciences: 300
- Applied Biological, Physical or Social Sciences: 200
- Clinical Research: 150
- Policy Research: 50
How are the results of your research applied?

Other Additions:
- Education
- Outreach
- Expansion of human knowledge
- Program development
- Resource creation
How important is it that research be used beyond academia?

In your field of study, how important is it for the knowledge and insights gained from the results of research to be used in some fashion beyond academia?

- Not at all important: 25
- Somewhat important: 100
- Important: 300
- Very important: 450

How important is it to you that the results of your research be used in some fashion beyond academia?

- Not at all important: 125
- Somewhat important: 200
- Important: 300
- Very important: 500
What are the barriers to the use of research?

Additions:
- Institutional support
- No barriers
How have you been successful in applying research outside of academia?

In what ways have you been successful in applying the knowledge or insight gained from the results of your research outside of academia? (Check all that apply)

- Artistic performance, or other artistic or creative work
- New techniques or approaches for dealing with professional challenges
  - Clinical procedures
  - New or improved products (devices, software, drugs, etc.)
- Industrial processes
- Patents/intellectual property
- Service business
- Policies
- Consulting
- New business venture
- Other

Other Additions:
- Education
- Outreach
- Development of programs and services
- Not yet able to apply research
- No application
How do you define translational research?

Definition of Translational Research: Overall Responses

Definition of Translational Research: Medical School Only

Definition of Translational Research: LSA Only

- Applying basic science or social science research to clinical practice or to improve health
- Applying research to community
- Moving scientific discoveries to commercialization or public use
- Applying the findings from research to real-world contexts
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Other comments and themes

- **Broader focus** for “translation” of research beyond STEM/STEAM
- Definitions of translational research should be more inclusive
- **Institutional support** as a barrier
- Importance of **basic science research** as a foundation for translational research