

# Translational Research:

Tracking the (not so straight) Path of Translational Research

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Program Analysis Branch



# NIEHS Program Analysis Branch

- Short and long term program evaluation & portfolio analysis
- Information technology to support analysis and strategic planning
- Communicate research impact



**Christie Drew**  
Branch Chief



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Support



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Program Analyst



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CareerTrac



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Evaluator



**Elizabeth Ruben**  
IT Liaison, Analyst



**Steven Tuyishime**  
Presidential  
Management  
Fellow

## Communicating research results and impact

- Congressional Justification, Inquiries, Testimony
- Presentations by Dr. Birnbaum and Senior NIEHS Staff (SOT, Council, Town Hall Meetings, Stakeholders)
- Reporters/Requests from the Communications Office
- Extramural Papers of the Month –  
<http://www.niehs.nih.gov/news/newsletter/>
- Program evaluations → Strategic Planning for Funding Announcement Opportunities



## Building Blocks to Measuring Impact

- All publications should cite your grant number
- Best format: **R01** **ES** **123456**
- Tell us about it in your progress reports
- PEPH Metrics Manual can help you measure success  
[www.niehs.nih.gov/pephmetrics](http://www.niehs.nih.gov/pephmetrics)

Special Data  
Collection

Progress Reports

Publications

# SP Goal Outputs



25

Resources/tools



35

Podcasts



126

Webinars,  
workshops,  
special sessions,  
and symposia



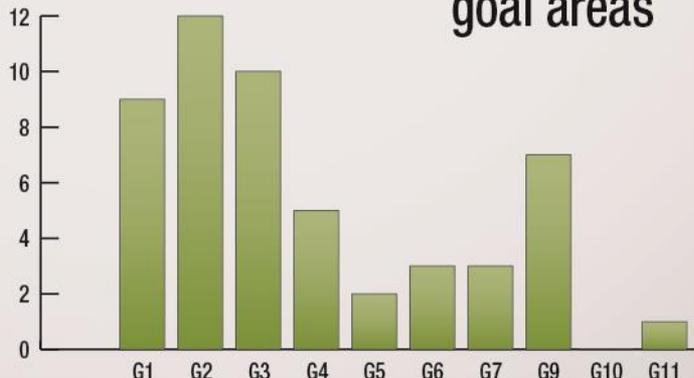
54

Collaborations



52

FOAs to  
promote  
research in  
Strategic Plan  
goal areas



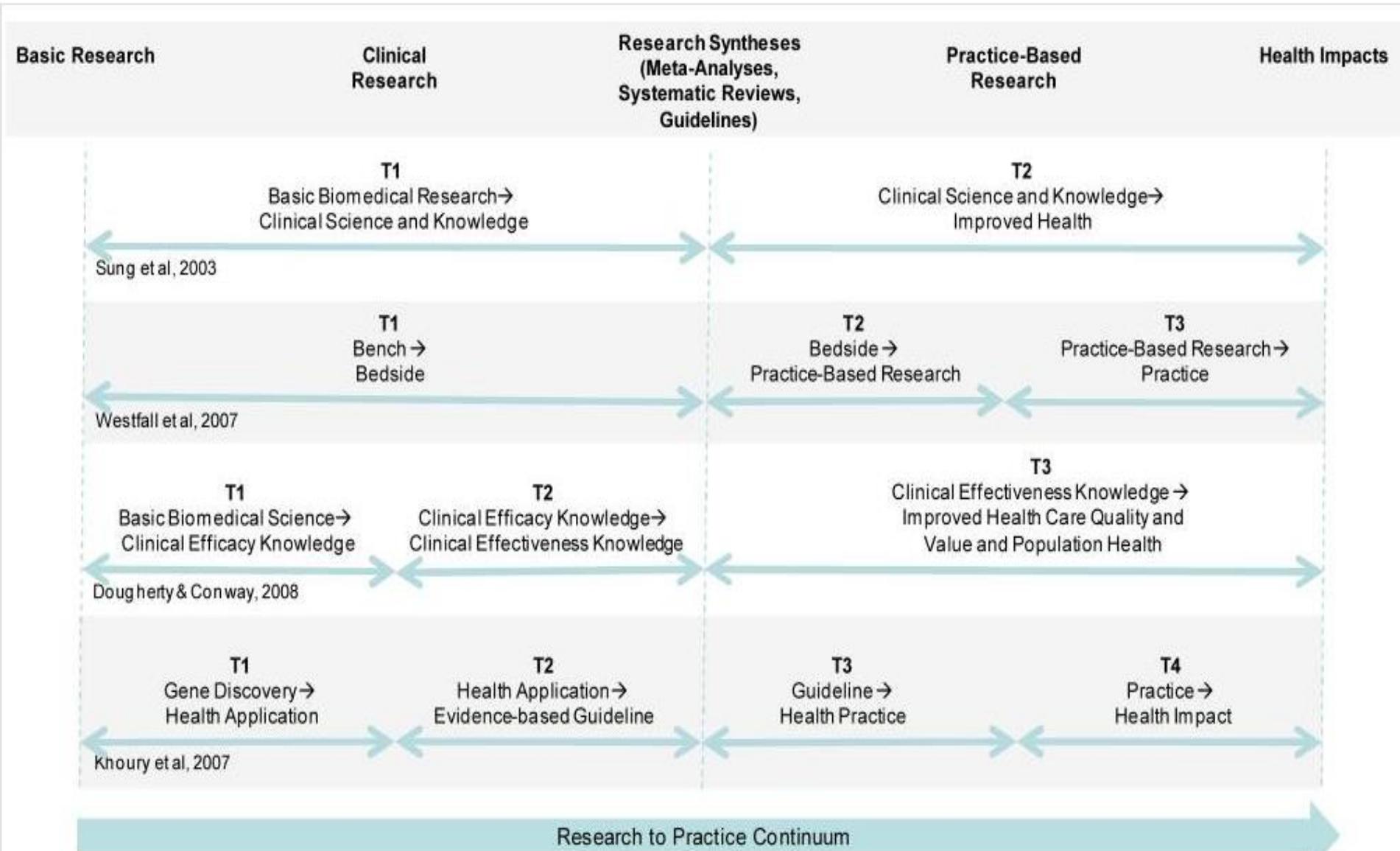
63

Highlighted  
publications,  
with

30

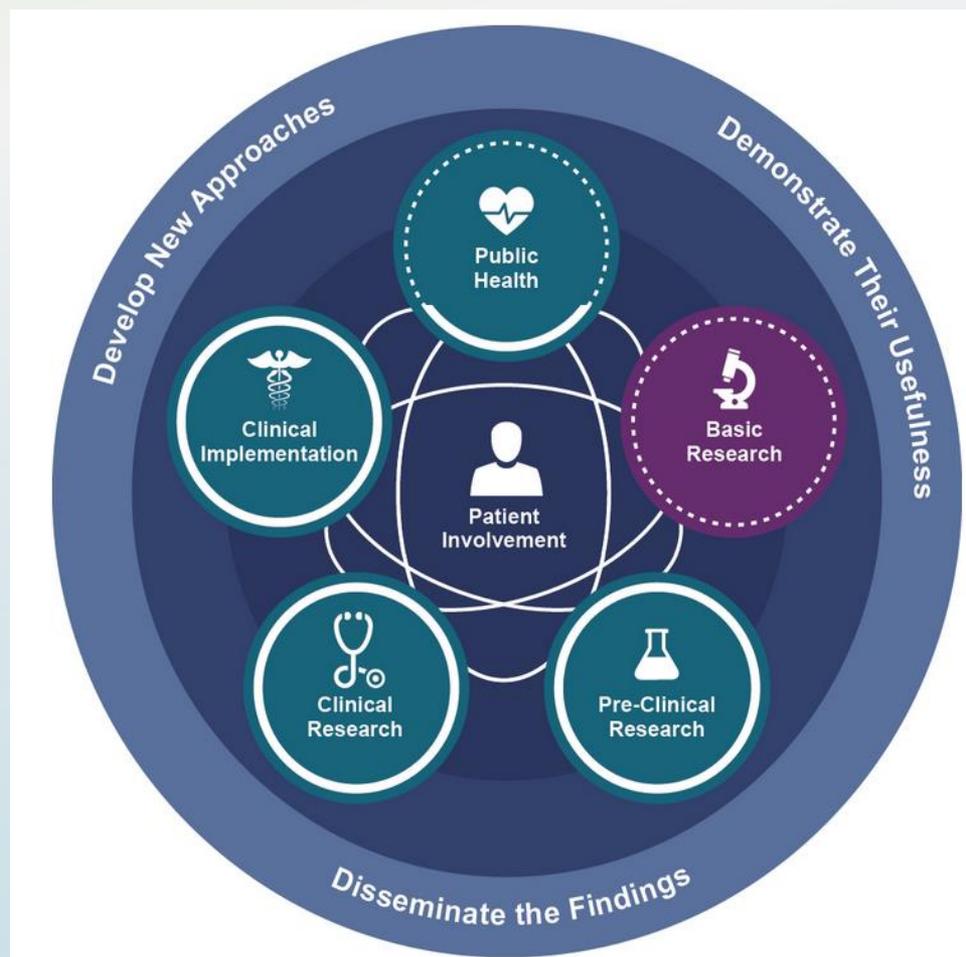
from  
NIEHS-supported  
workshops

# Evolution of Translational Research Frameworks

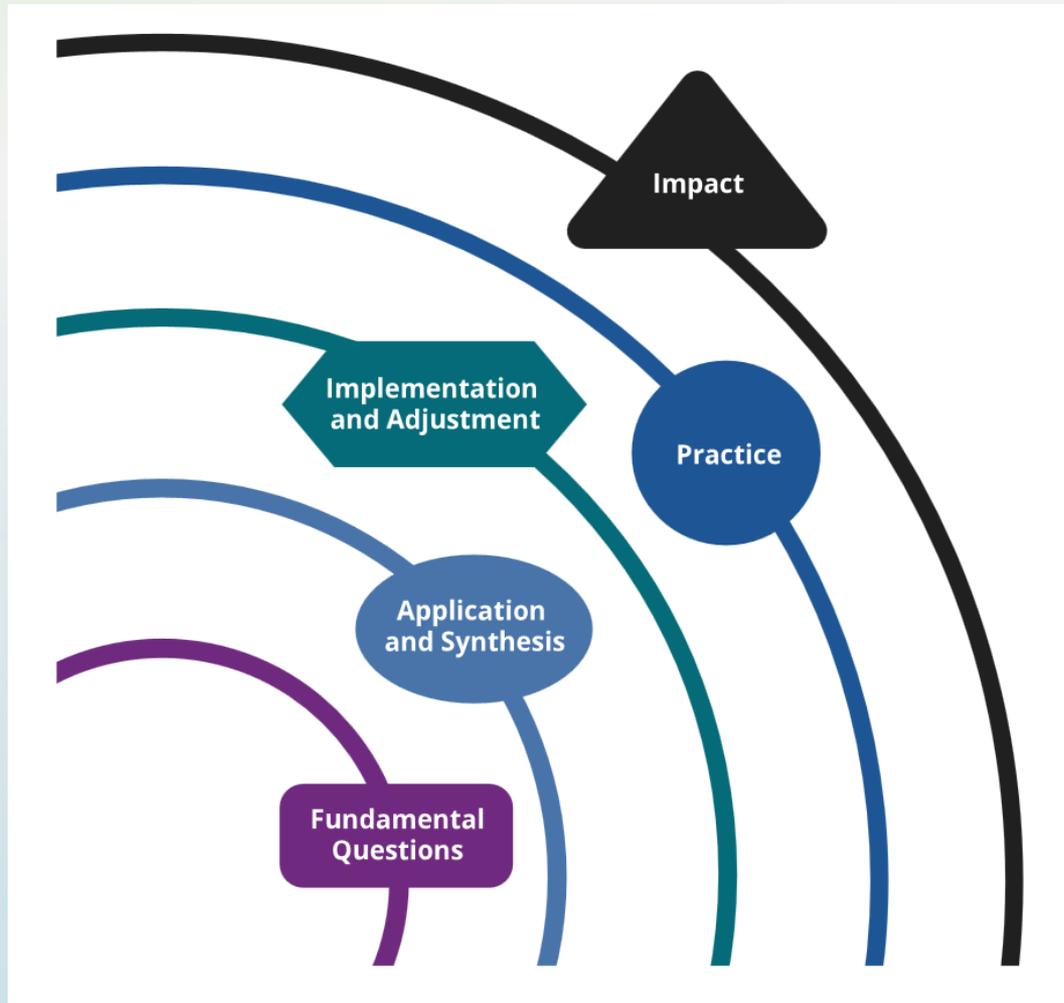


# National Center for Advancing Translational Sciences

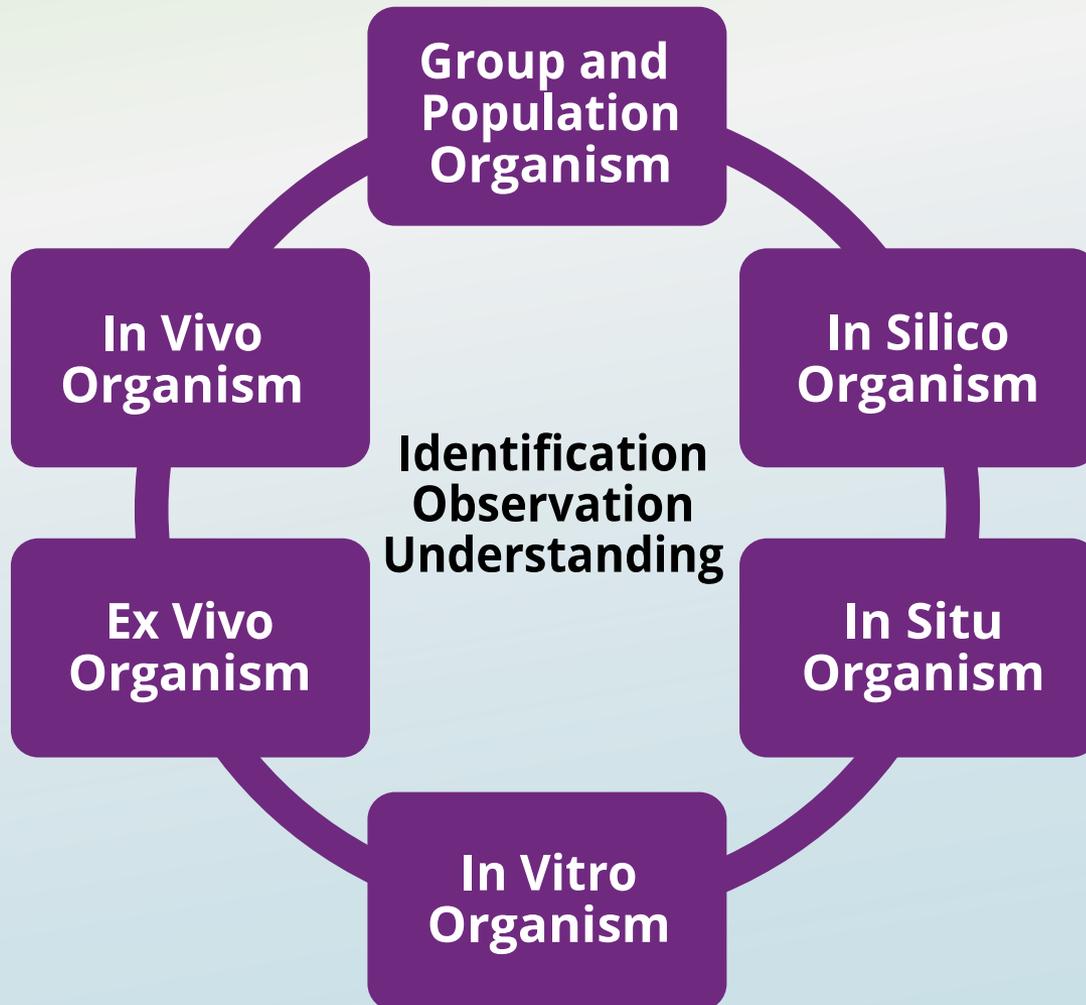
## Translational Science Spectrum



# Overview of Framework...



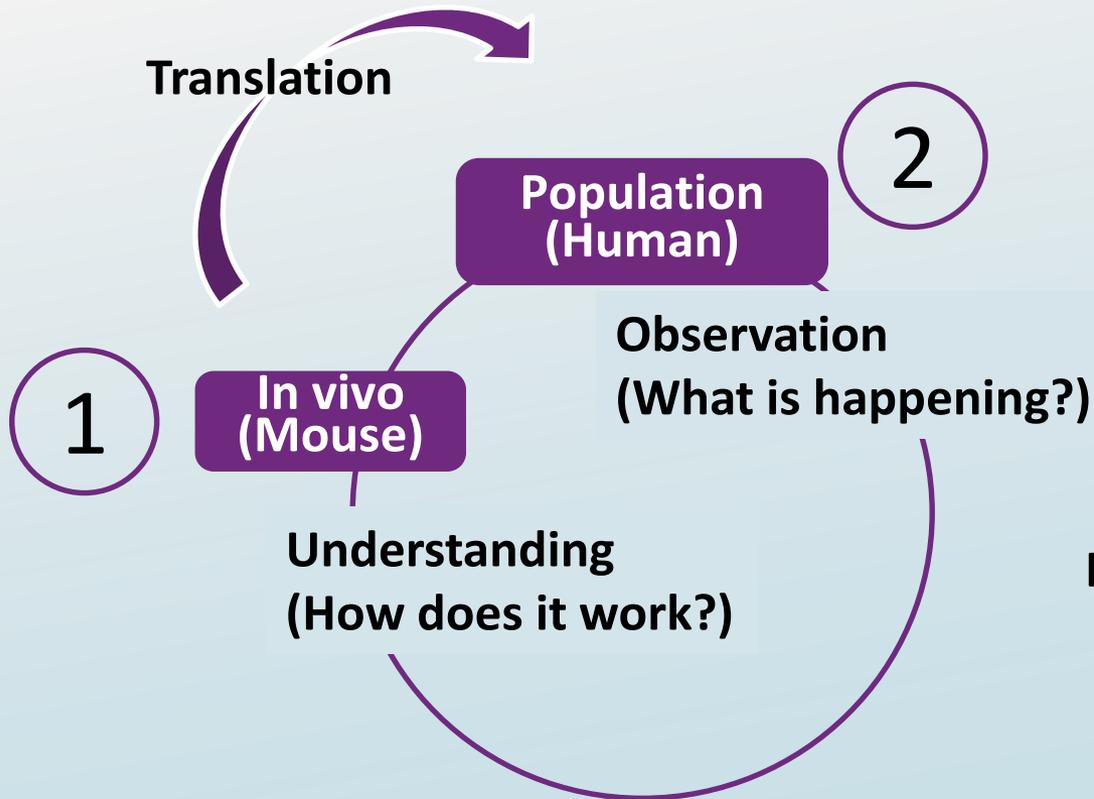
# Fundamental Questions



Asking:

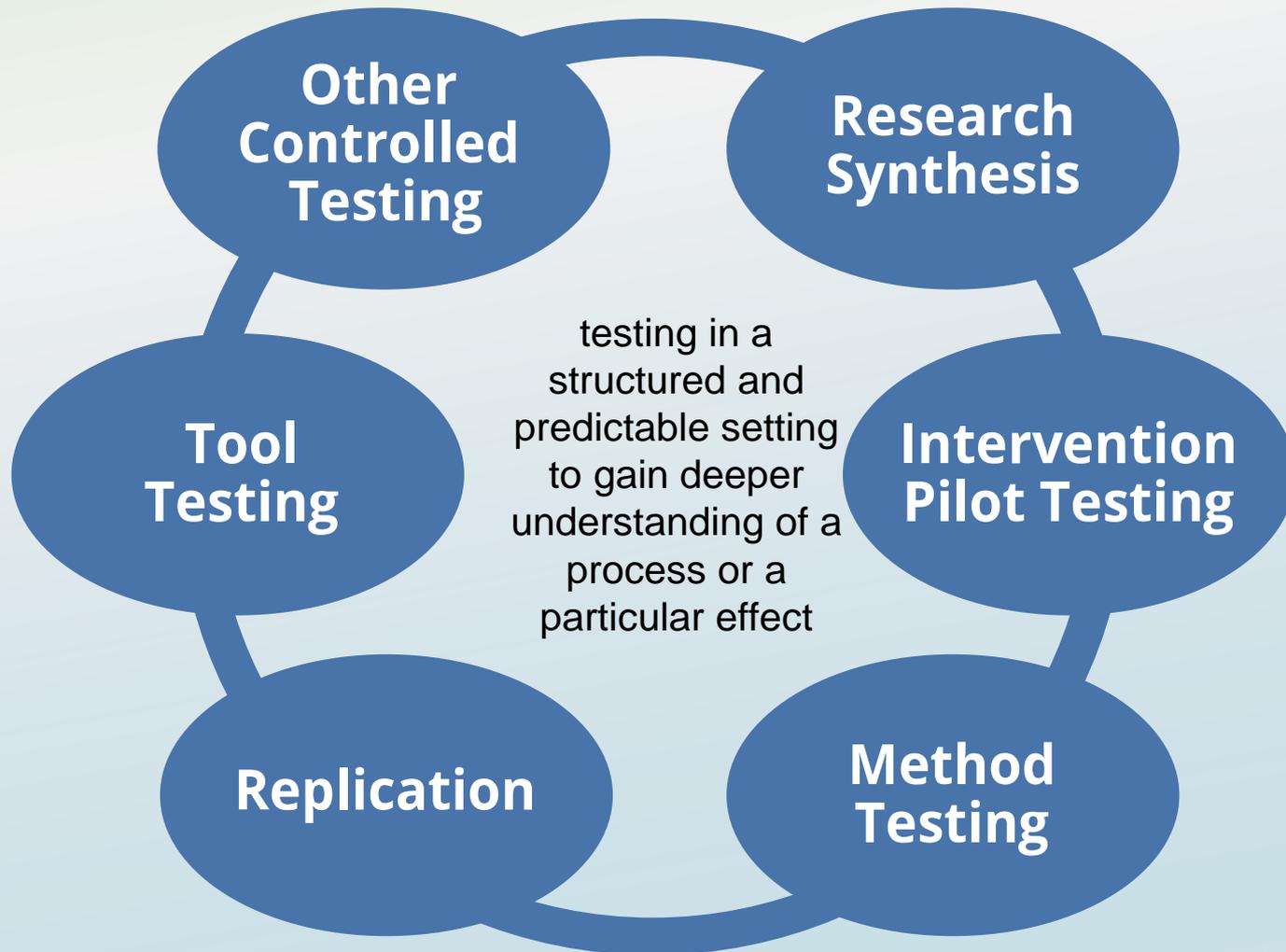
- What is it?
- What is it doing?
- How does it do that and what else is going on?

# Example of Movement Around the Ring

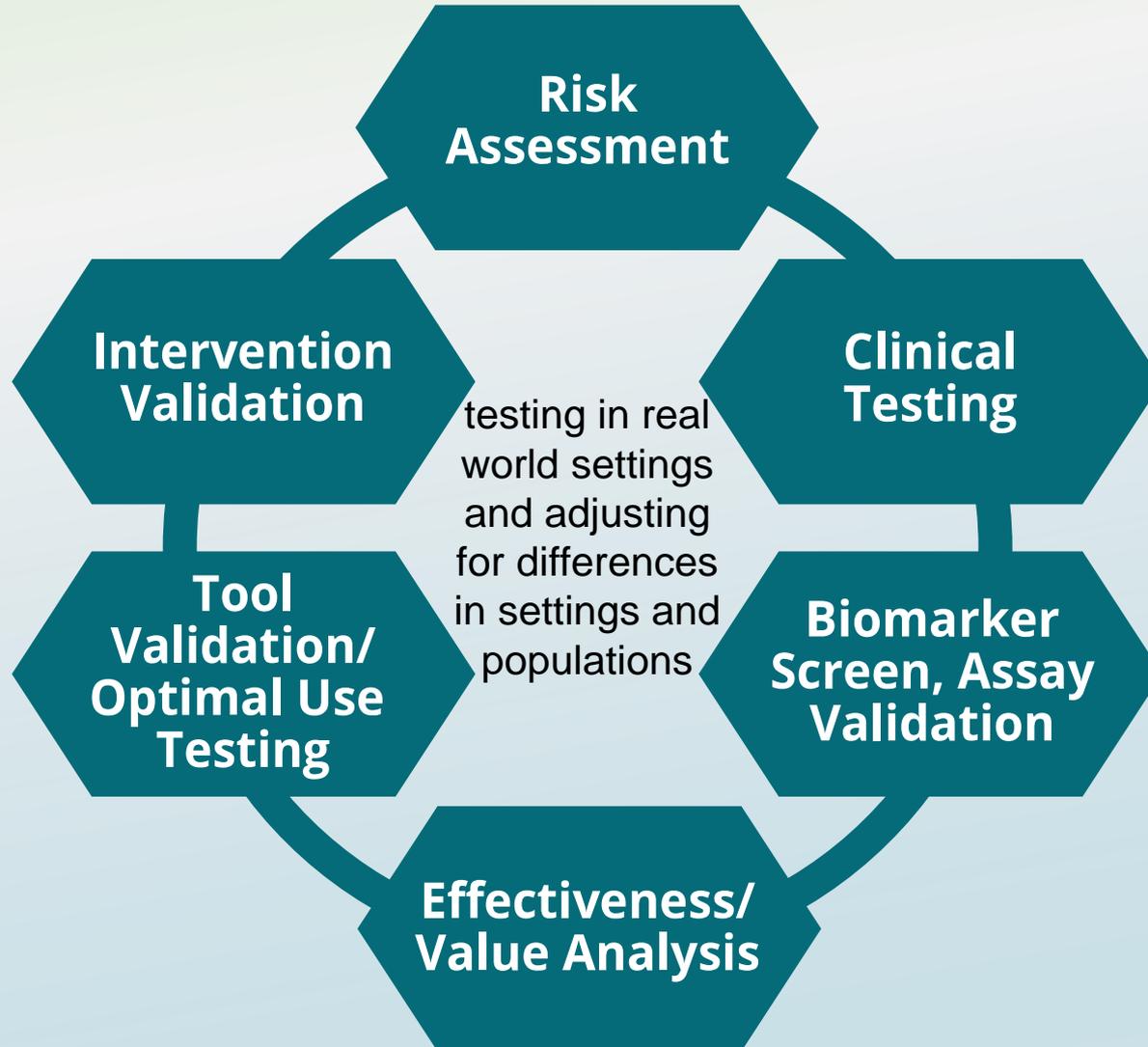


**Harvard University  
 Core Center**

# Application and Synthesis



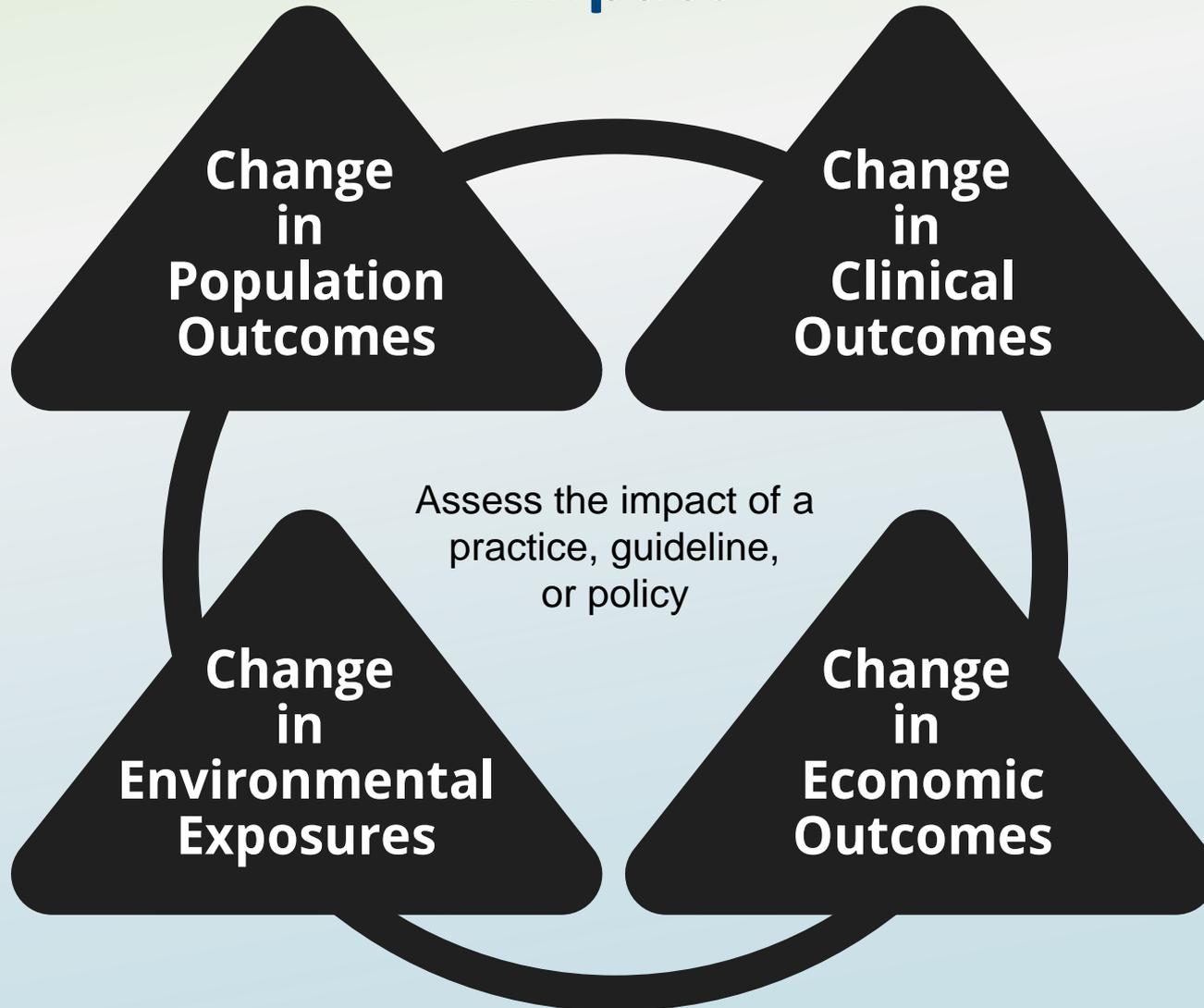
# Implementation and Adjustment



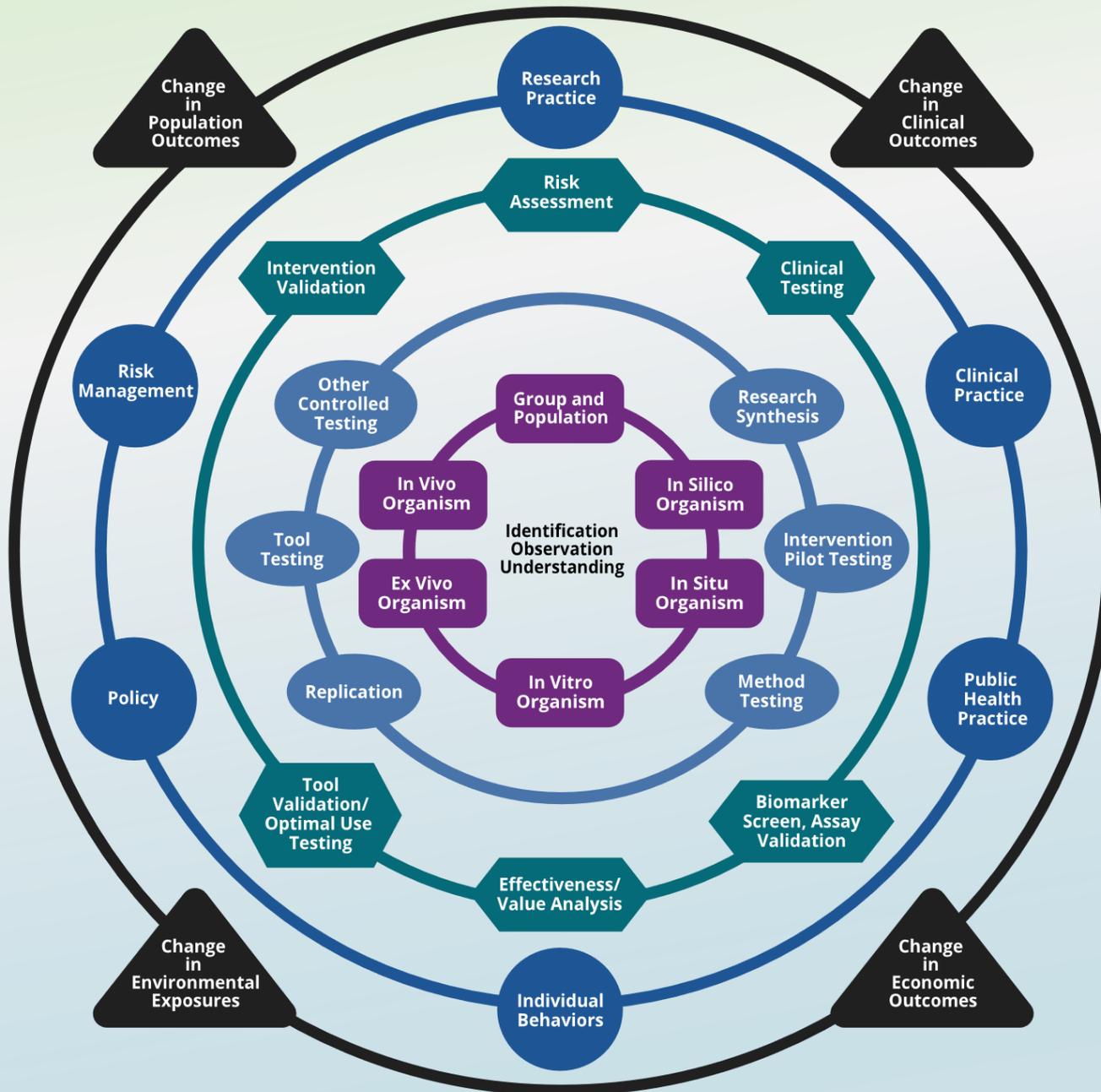
# Practice



# Impact



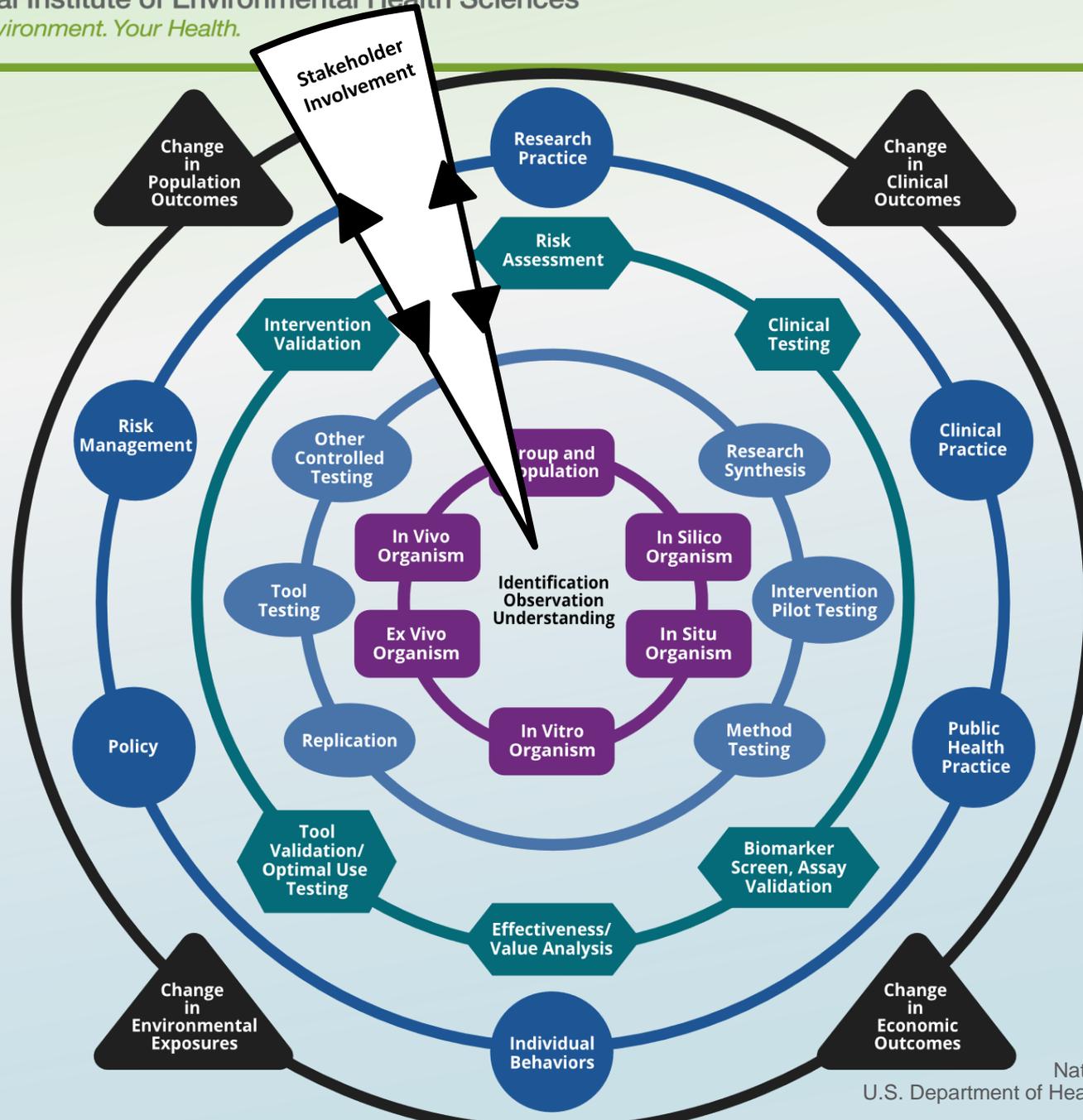
# Full Framework



# Benefits of the Framework

- Clearly communicate a concept of translational research
- Provide a storytelling tool or structure for grantees
- Provide a path for researchers to see where research might go
- Provide a strategy for understanding, assessing and categorizing translational research
- Enable us to track movement of research through translational spectrum over long periods of time
- Ability to use framework as an evaluation tool
- Enable program staff to actively manage translational bridges







# Team Science & Interdisciplinary Work





# Not all research will be translational!



## **NIEHS Mission:**

Discover how the environment affects people in order to promote healthier lives.