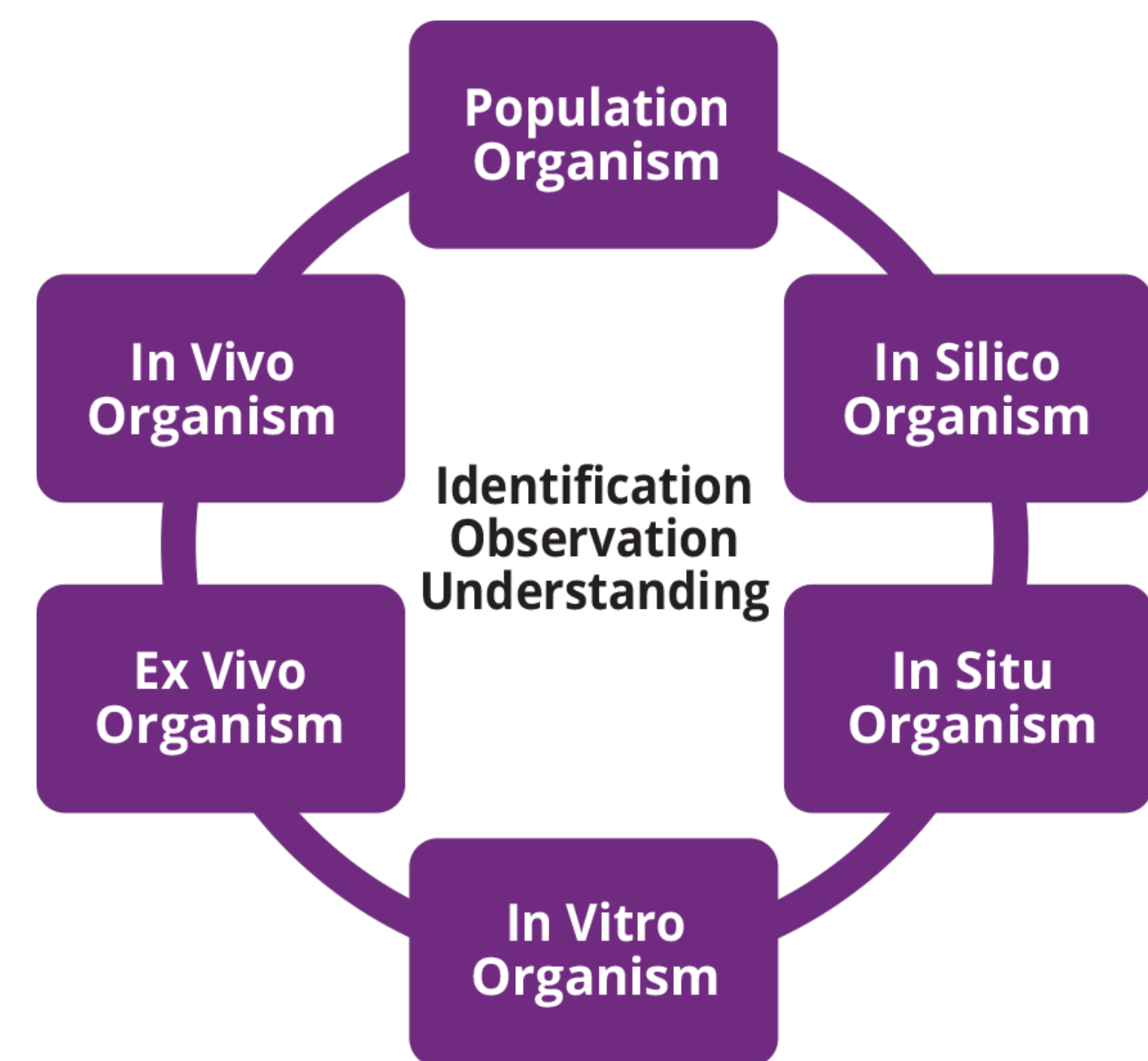
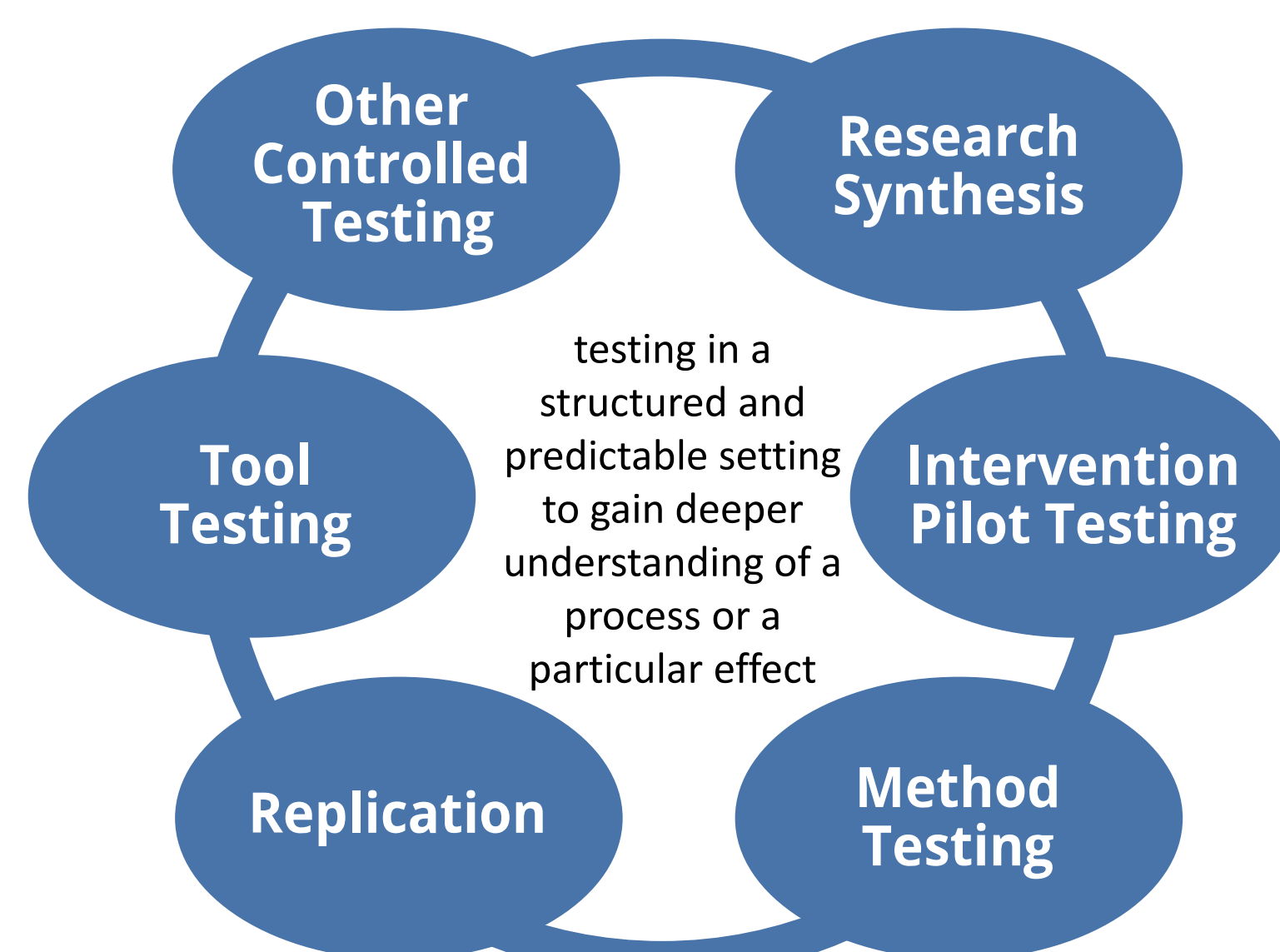


## Translational Research Framework: Rings and Nodes

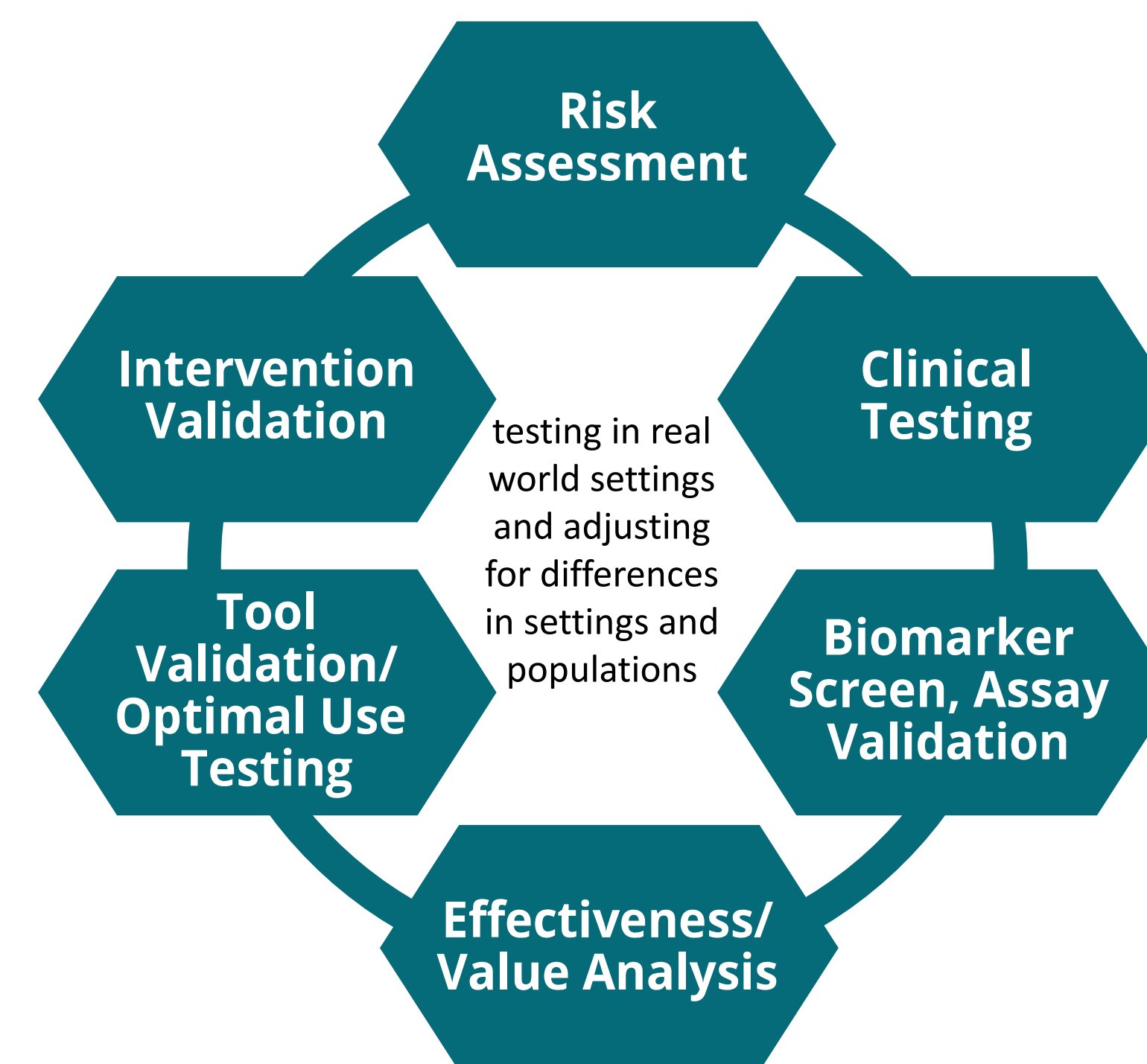
### Fundamental Questions



### Application & Synthesis



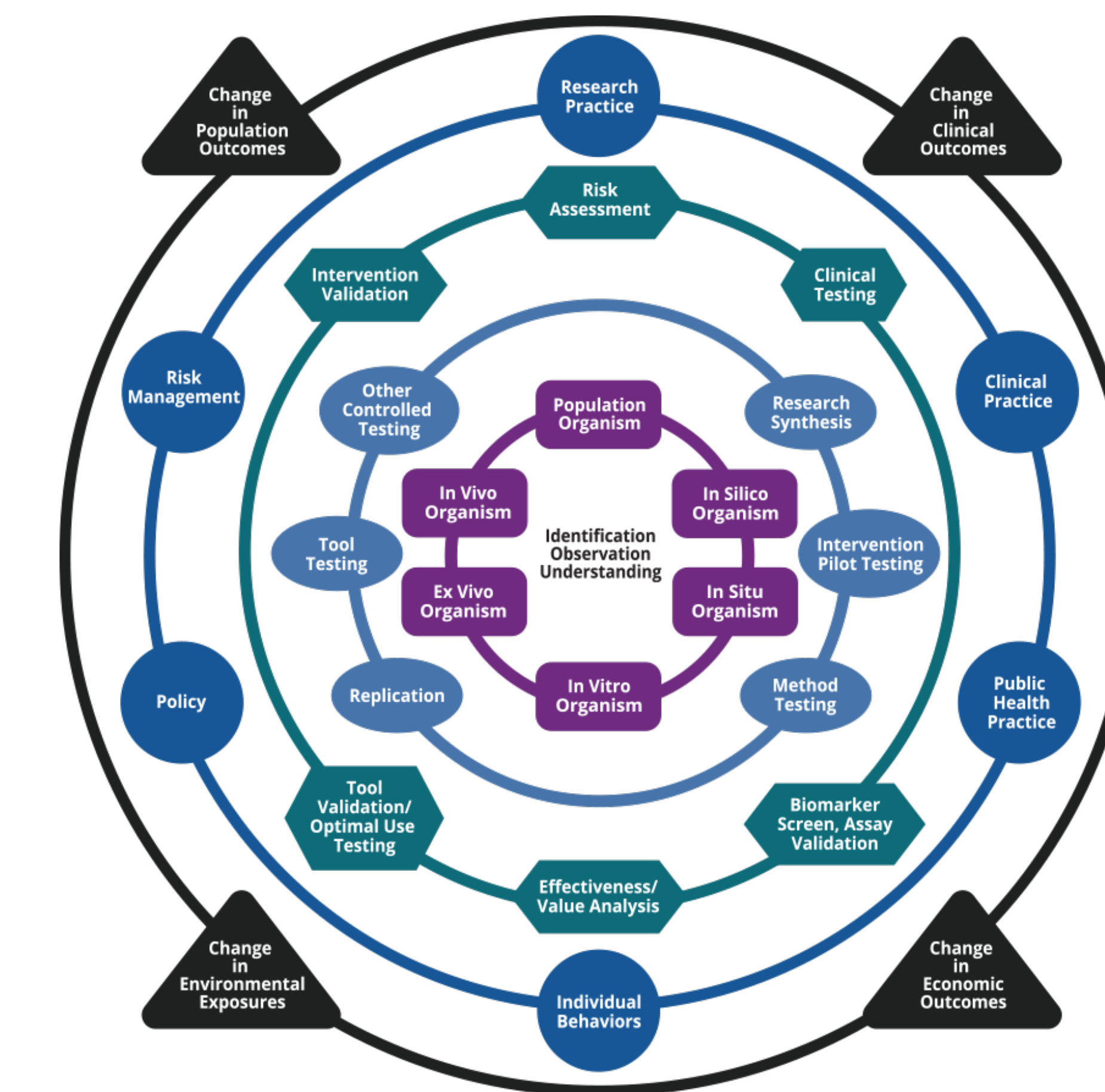
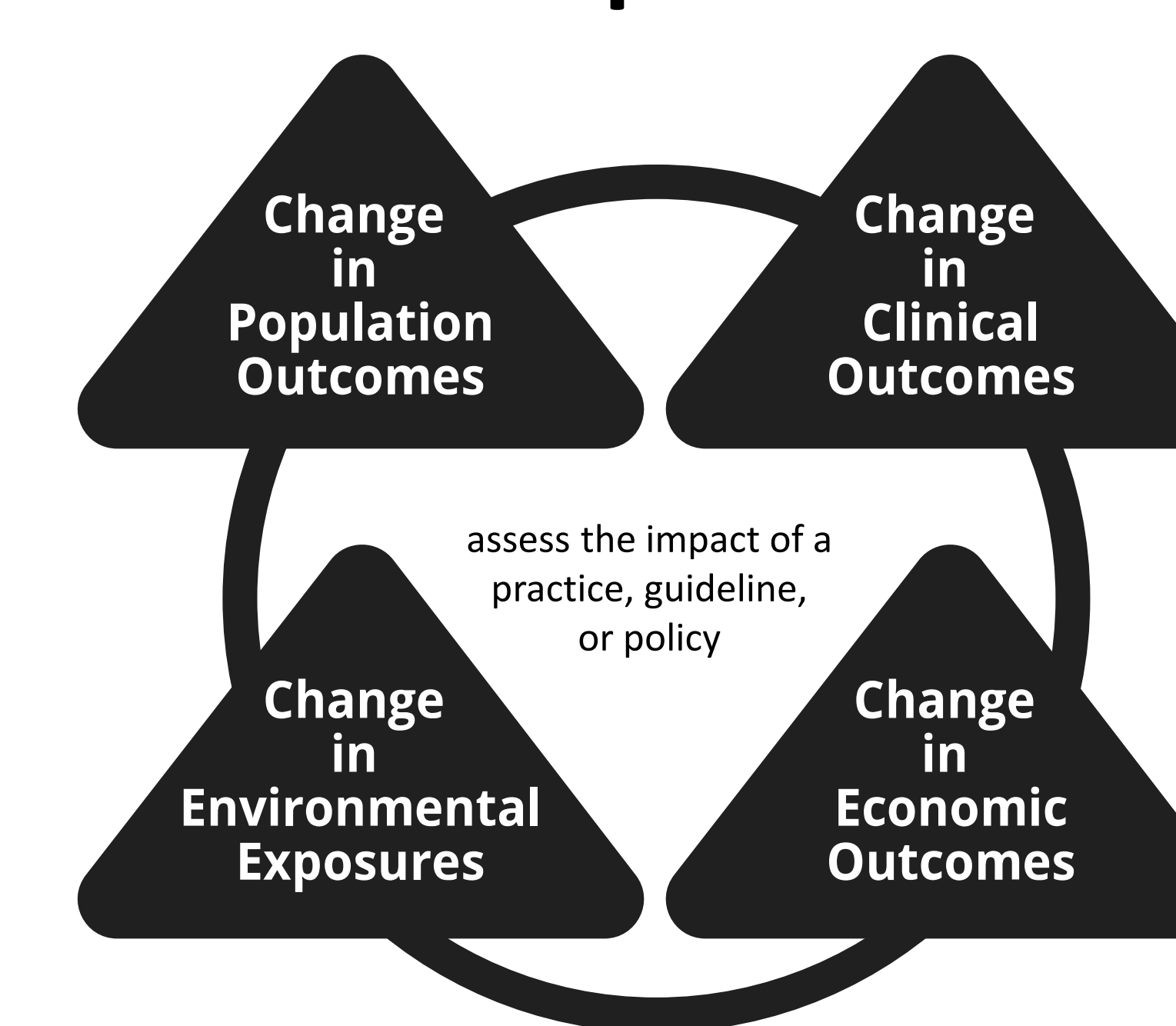
### Implementation & Adjustment



### Practice



### Impact



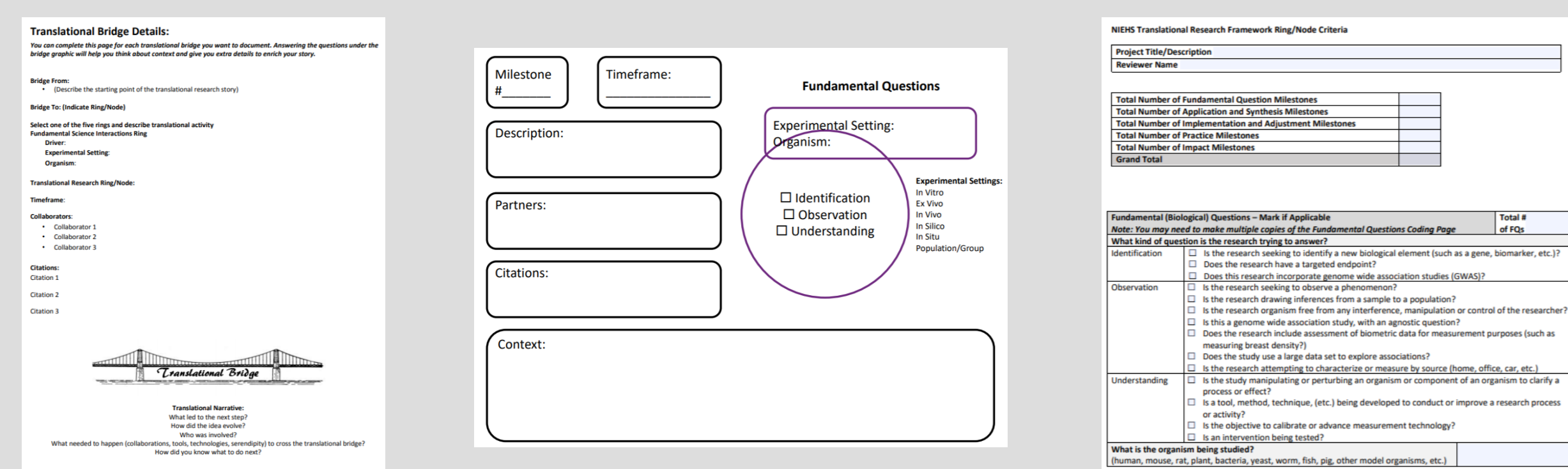
## The NIEHS Translational Research Framework Enables Us To:

- Categorize research into rings and nodes
- Count translational bridges between nodes and across rings
- Capture a full translational narrative over many years
- Identify research gaps
- Communicate a concrete concept of translational research
- Actively manage bridging science
- Provide a path for researchers to see where research might go

## Translational Research Resources

- Downloadable graphics for you to edit
- Checklist to assess category criteria
- Case study writing protocol
- Sample translational research stories
- Articles related to translational research
- Translational story template

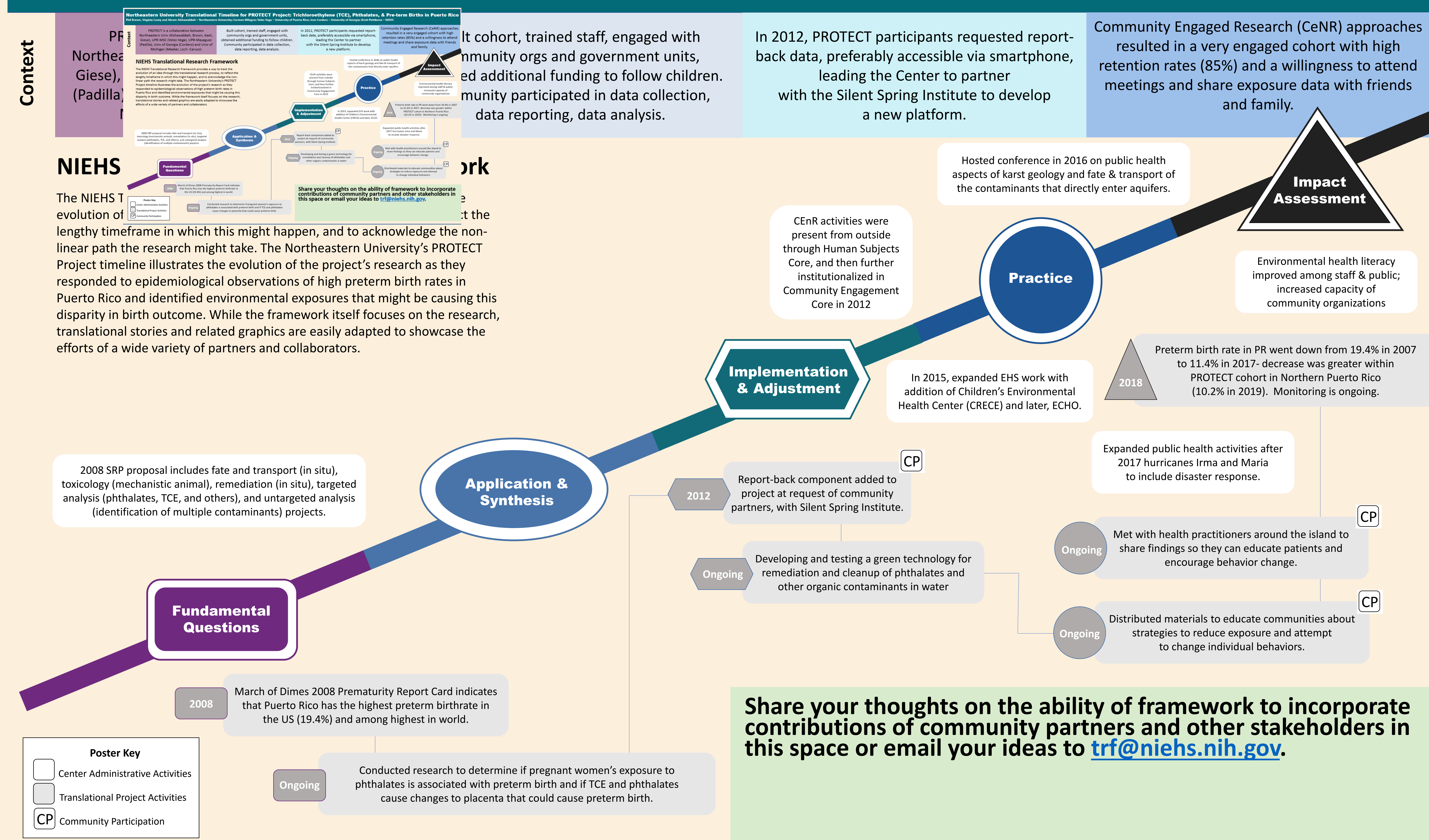
All resources available at [www.niehs.nih.gov/translation](http://www.niehs.nih.gov/translation)



## Translational Research Case Study with Community Involvement

### Northeastern University Translational Timeline for PROTECT Project: Trichloroethylene (TCE), Phthalates, & Pre-term Births in Puerto Rico

Phil Brown, Virginia Casey and Akram Alshwabkeh – Northeastern University; Carmen Milagros Velez Vega – University of Puerto Rico; Jose Cordero – University of Georgia; Kristi Pettibone – NIEHS



If you have comments, please email [trf@niehs.nih.gov](mailto:trf@niehs.nih.gov) & visit [www.niehs.nih.gov/trf](http://www.niehs.nih.gov/trf) for more information

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