

# Establishing the Center on Education and Training for Employment (CETE) as a Translational Research Center

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Center on Education and Training for Employment

## INTRODUCTION

The Ohio State University strategic plan, Time and Change, refers to pushing the boundaries of fundamental and translational research to solve societal challenges. Similarly, the EHE Strategic Framework speaks directly to fostering a culture of engagement and service and increasing holistic, interdisciplinary approaches to intervention.

### Mission

CETE's mission focuses on translating research into practices resulting in a prepared and effective workforce and healthy communities that support well-being and economic prosperity.

### Vision

Individuals are prepared to take their place in the workforce; and businesses, other organizations, and communities are prepared to support individuals and their members in meeting their fullest potential.

## MOVING SCIENTIFIC INNOVATION

**Translation:** The process of turning observations in the laboratory, clinic, and/or community into interventions that promote wellbeing (The National Center for Advancing Translational Sciences, 2015).

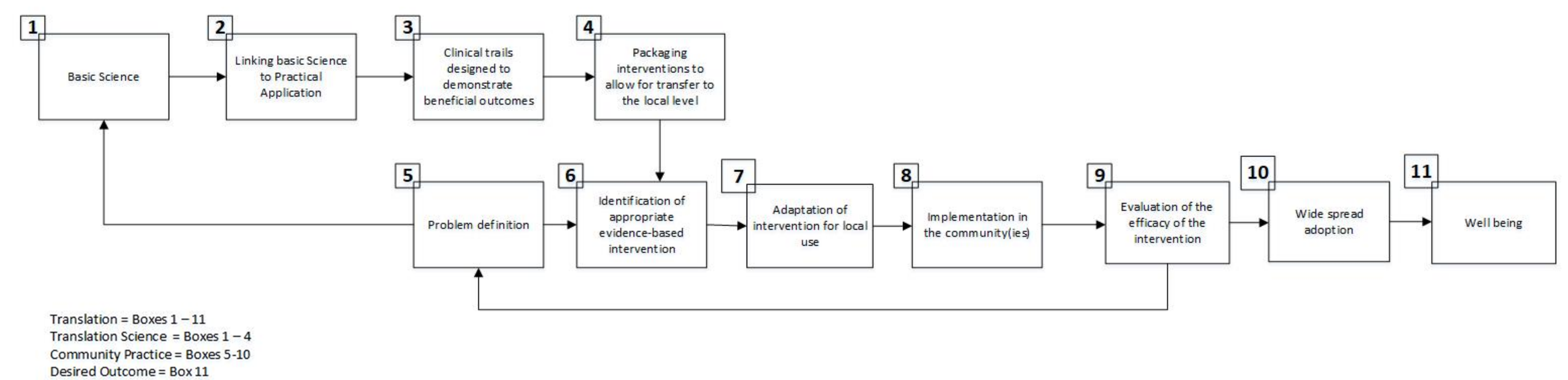
**Science to Practice:** Identification of a problem and its causes, development of a research-based intervention(s), confirmatory and extension to large-scale trials, and implementation in the community (Wandersman, 2003).

**Implementation Science:** The study of methods for promoting the use of evidence-based practices (Bauer et al., 2015).

### Critique of Traditional Approaches

- Day-to-day functions of staff
- 17 years from laboratory to bedside
- Challenges of community engagement

## A PROPOSED CETE MODEL FOR MOVING SCIENTIFIC INNOVATIONS TO THE FIELD



### What is Different?

- A comprehensive model
- Complementary to social justice values
- Links to basic science and community implementation
- Provides a basis for considering roles of translational research staff

## INTERFACE WITH EHE

- Internships and independent studies
- Faculty fellows/affiliates and partnerships with CETE staff
- Student engagement in real-life problem solving
- Significant opportunities for scholarship related to problem-solving methodology

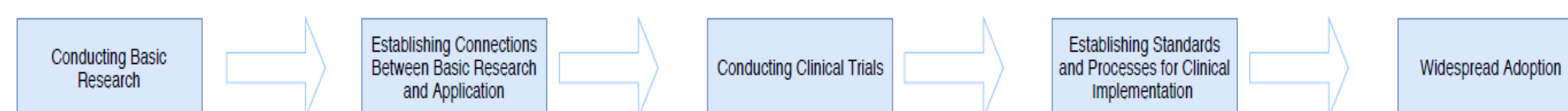
### Translational Research Activities

- Engage in activities consistent with scientific investigation
- Provide and/or facilitate the use of an evidence-based intervention to solve a problem relative to a specific community(ies)
- Develop the next generation of an evidence-based intervention
- Move an intervention from one station to a higher station on the translation continuum and ultimately through the entire cycle
- Engage in scientific investigation related to the process of moving scientific innovations into the field

## REFERENCES

Please see handout for a complete list of references.

## TRANSLATIONAL SCIENCES CONTINUUM



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