

# American Indian, Alaska Native and Native Hawaiian English Learners

## RESEARCH AND PROGRAM EVALUATION

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Education Research)

Native American and Alaska Native Children in School (NAM) Directors meeting  
U.S. Dept. of Education  
400 Maryland Ave. SW, Room 1W105/108  
Washington, D.C.

September 9-10, 2015



# Overview

- Welcome and introductions
- Forming the American Indian English Learner Research Alliance (AIERA)
  - What is AIERA?
  - How did we get to this point?
  - What are the research areas and questions?
- Program evaluation activity

About  
us



# The Story of AIERA...

## How This Initiative Began

### **Exploring a Research Partnership**

Proceedings of the American Indian  
English Learner Research Alliance  
(AIERA) Meeting

October 7-9, 2014, Albuquerque, New Mexico

Should state and local education agencies and American Indian, Alaska Native and Native Hawaiian representatives form a research group with the Wisconsin Center for Education Research (WCER) to explore areas of mutual interest to American Indian, Alaska Native and Native Hawaiian English Learners?

*Proceedings of the exploratory meeting  
October 7-9, 2014, Albuquerque, New Mexico*



Wisconsin Center for  
Education Research  
SCHOOL OF EDUCATION  
UNIVERSITY OF WISCONSIN-MADISON

Exploring and  
establishing a  
research  
partnership ....

# AIERA: Where We Are Now...

American Indian  
English Learner  
Research Alliance  
Prospectus

AIERA Prospectus

## Prospectus

# AIERA Mission Statement

The American Indian English Learner Research Alliance (AIERA) is committed to *initiating research that advances the linguistic, cultural and academic proficiency of American Indian, Alaska Native and Native Hawaiian English Learners (hereafter, American Indian ELs).*

Proficiency in these areas is needed to succeed in school and for students to function as effective members of their nations and communities, moving fluidly among the languages and cultures relevant to their lives.

# AIERA: Frequently Asked Questions

American Indian  
English Learner  
Research Alliance  
Frequently Asked  
Questions

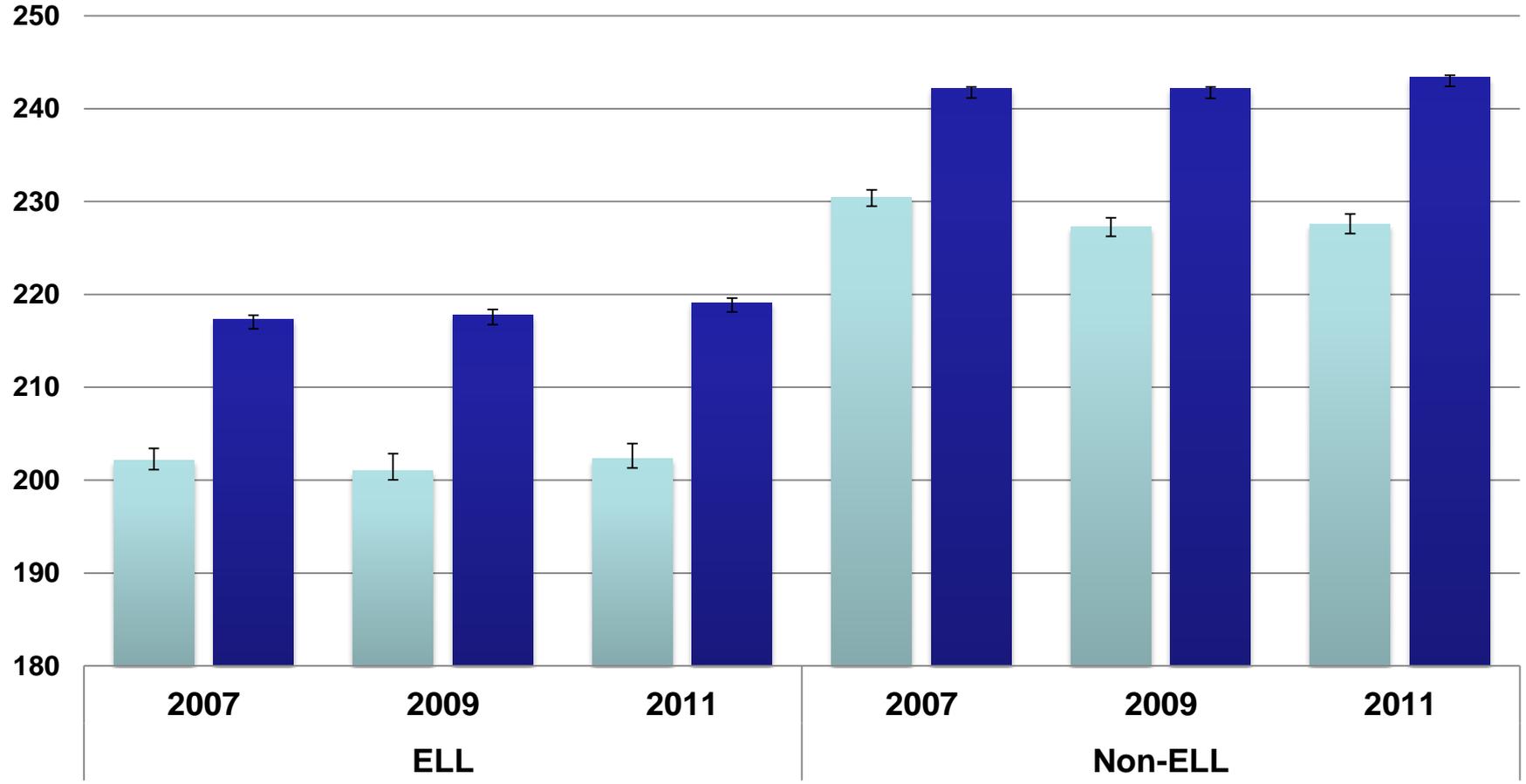
- How will AIERA respect American Indian culture?
- How will AIERA operate?
- Why do we need AIERA?

# The Three AIERA Research Areas

- Interpreting and implementing the federal government definition for identifying American Indian ELs
- Identifying and disseminating successful programs and practices
- Cultural perspectives and Native languages throughout College and Career Readiness Standards (CCRS)

# Math Grade 4, 2007-2011

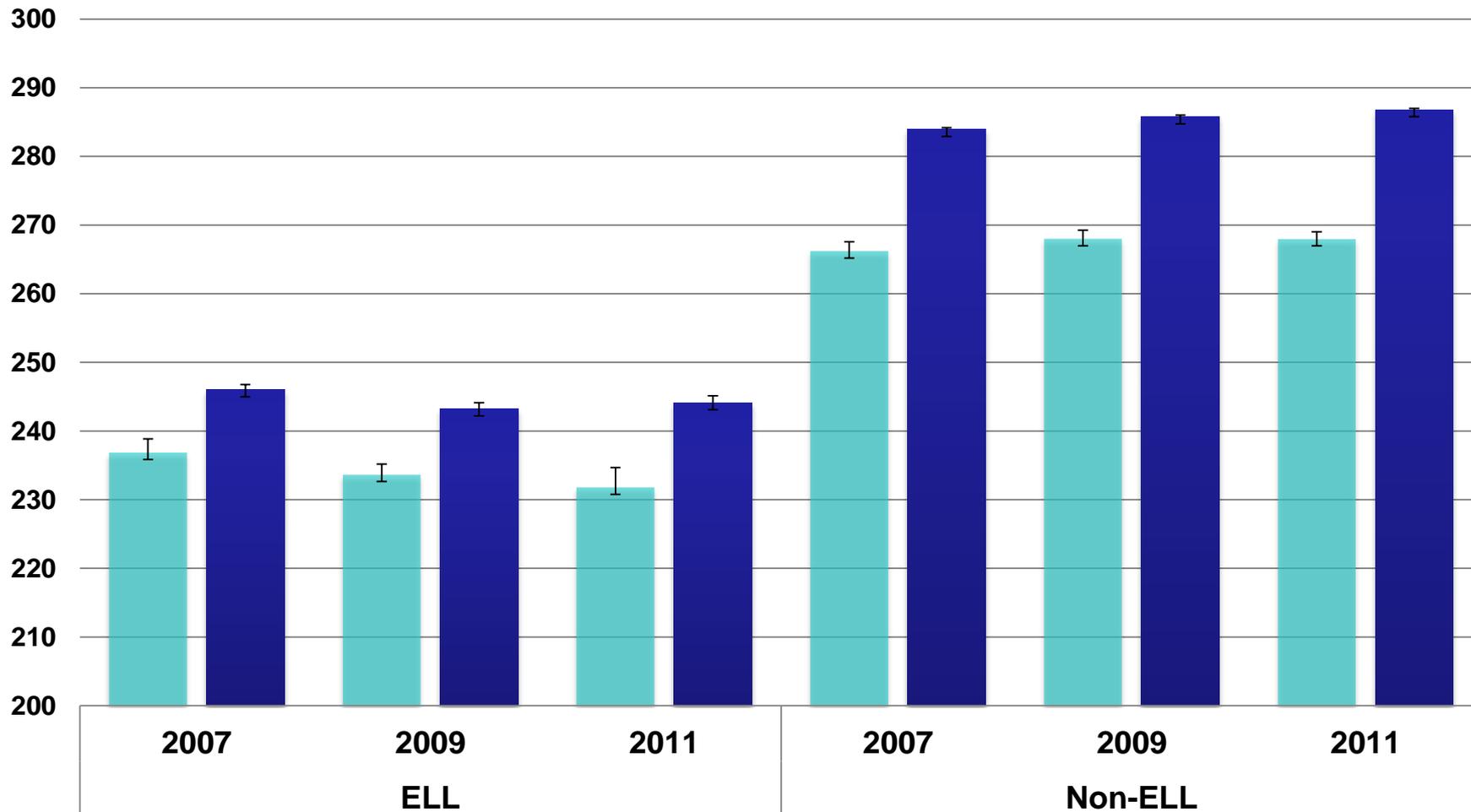
## American Indian/Alaska Native & Non-Native (NAEP)



■ American Indian/Alaska Native  
■ Non-American Indian/Alaska Native

# Math Grade 8, 2007-2011

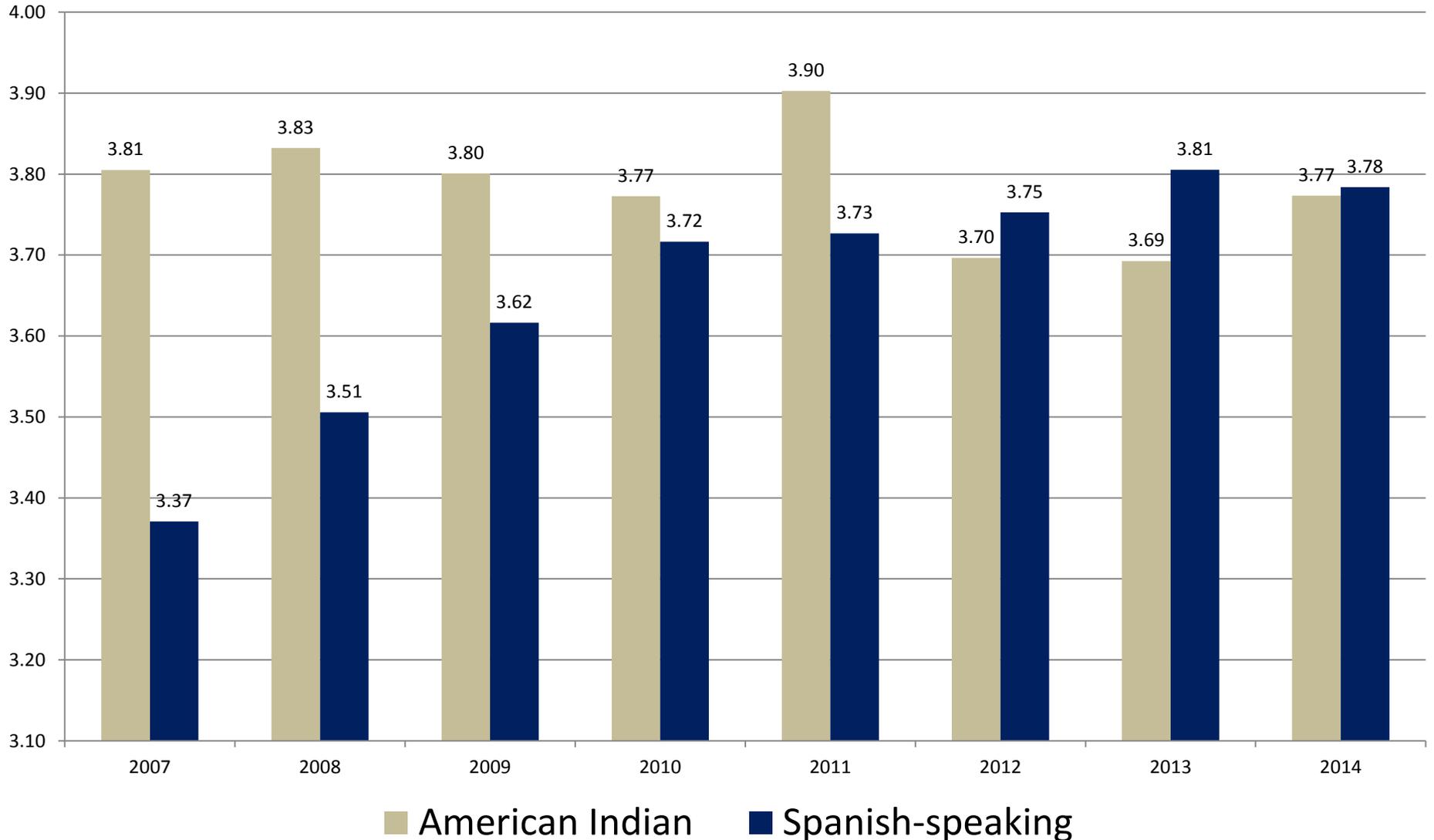
## American Indian/Alaska Native & Non-Native (NAEP)



 American Indian/Alaska Native

 Non-American Indian/Alaska Native

# Average Composite English Proficiency Levels American Indian ELs & Spanish-Speaking ELs

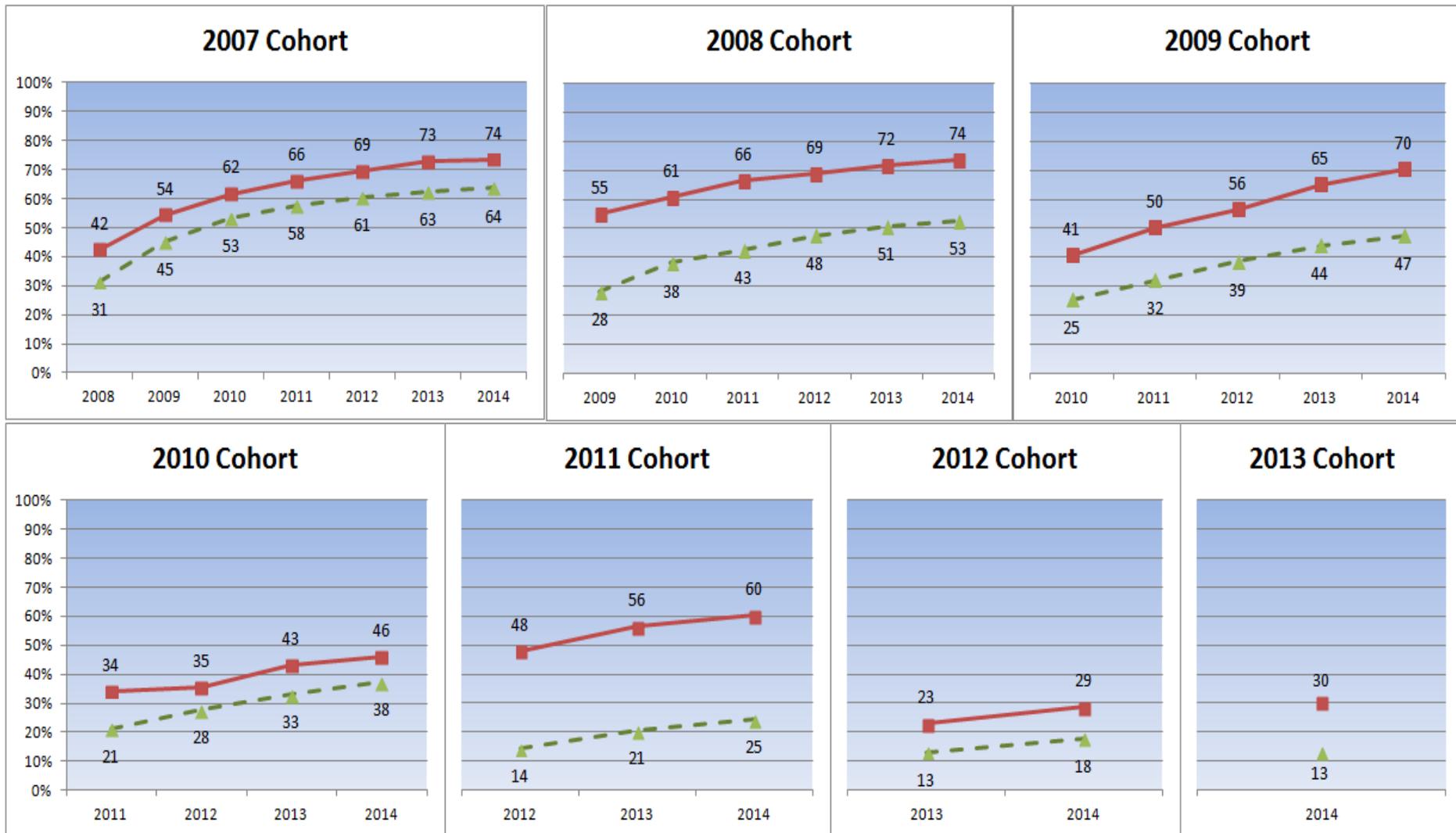


# Cumulative Completion Rates of Being Proficient in English American Indian ELs & Spanish-Speaking ELs



— American Indian ELs    - - - Spanish-speaking ELs

# Missing Data Rates of Being Proficient in English American Indian ELs & Spanish-Speaking ELs



— American Indian ELs    - - - Spanish-speaking ELs

# NAM Authorized Activities

- Professional development
- Curriculum development
- Evaluation
- Assessment designed for Native American students

By courtesy of the U.S. Department of Education

# Definitions

## ➤ Theory of action

- A set of underlying assumptions about how we will move our organization, program, or project from its current state to its desired future \*
- It is often characterized by a series of IF/THEN statements

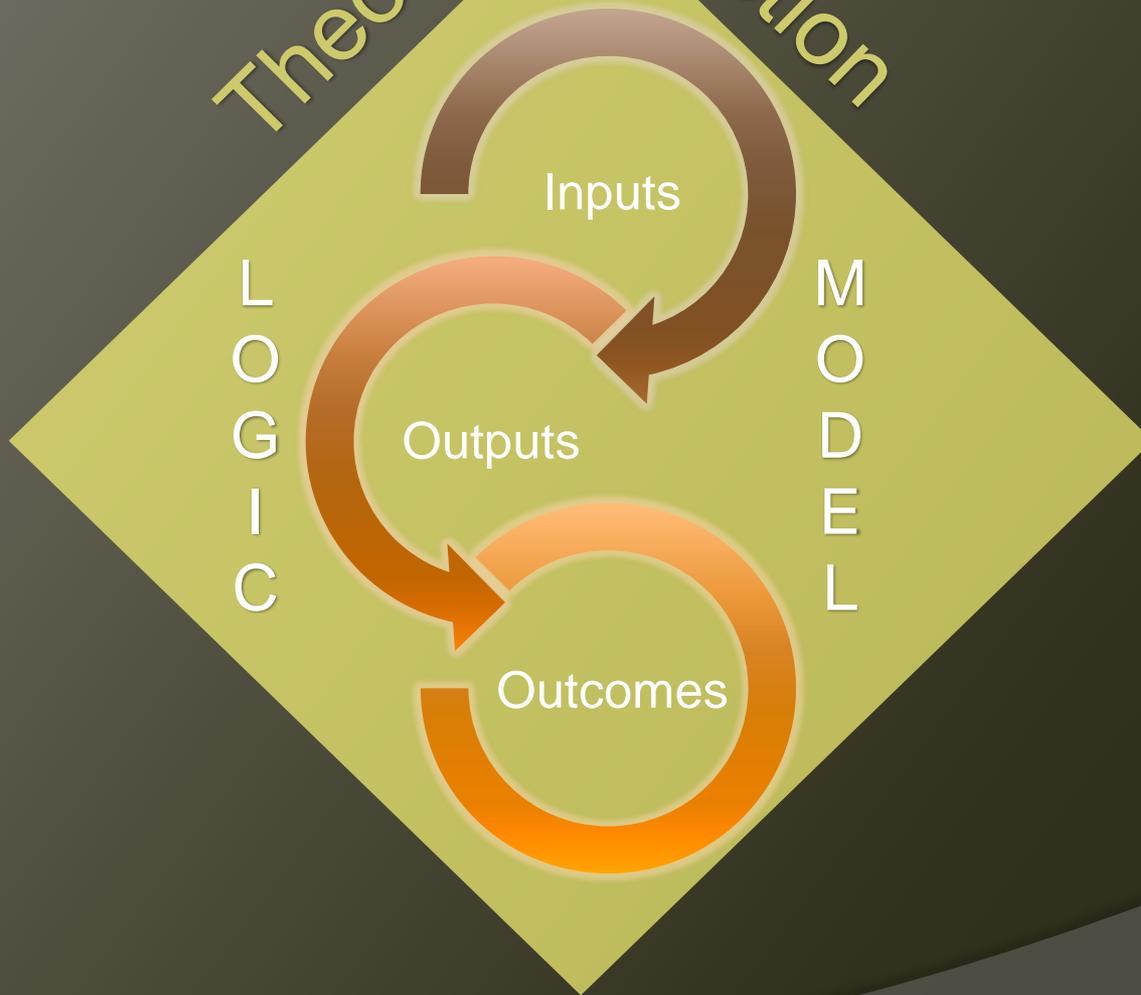
## ➤ Logic model

- Graphic representation of a program showing the intended relationships between investments and results \*\*
- Logic models help us plan, implement, evaluate, and communicate more effectively. Many funders and organizations require logic models.

\* Adapted from <http://www.slideshare.net/dianelauer/theory-of-action>

\*\* Adapted from <http://www.uwex.edu/ces/pdande/evaluation/pdf/lmguidecomplete.pdf>

# Theory of Action



# Theory of Action Statements--General\*

- **IF** we have professional learning communities, **THEN** student learning will improve.
- **IF** we adopt a new literacy program, **THEN** our students will be stronger readers and writers.
- **IF** we emphasize teacher evaluation, **THEN** student learning will improve.

\* Adapted from <http://www.slideshare.net/dianelauer/theory-of-action>

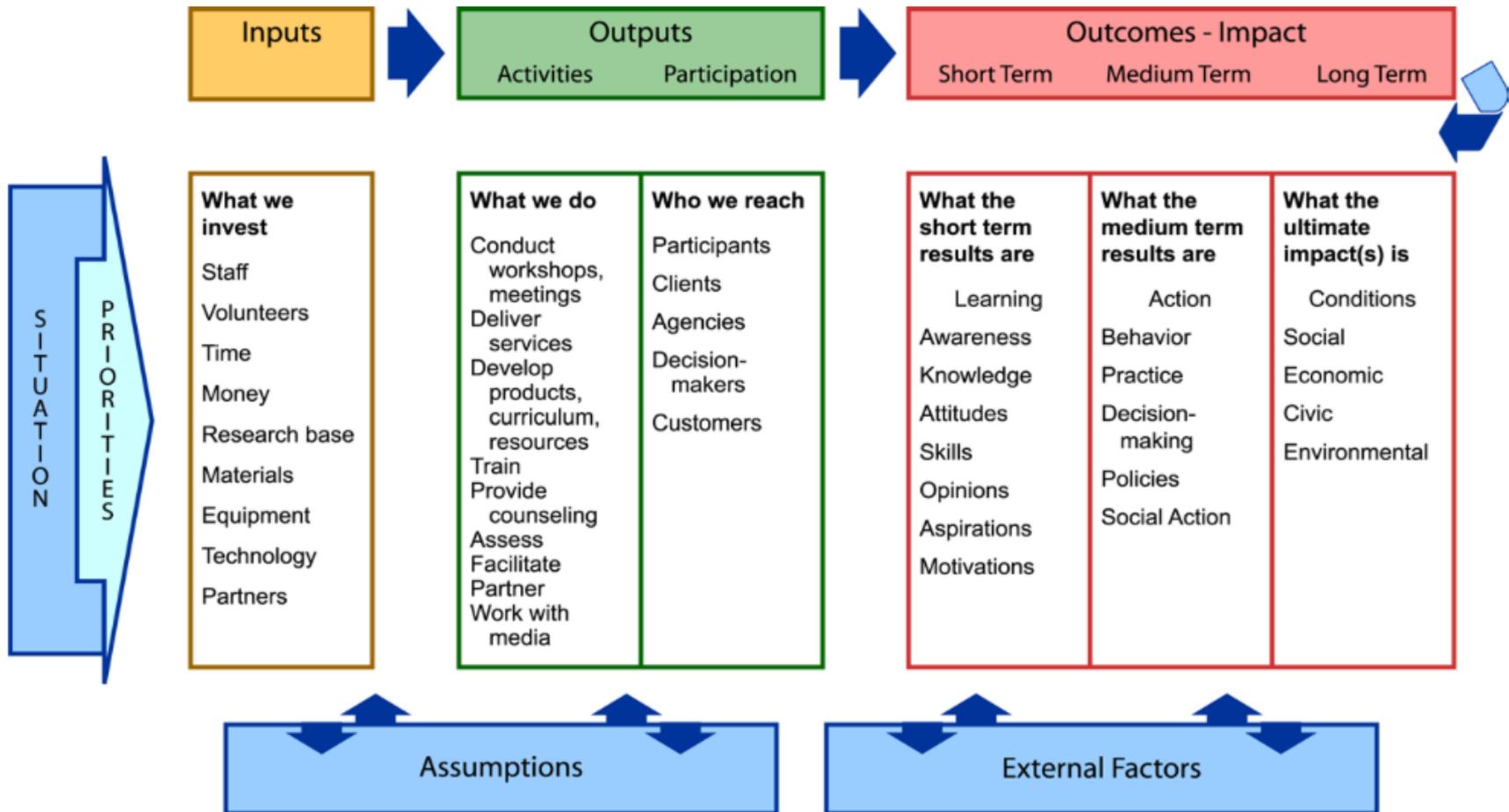
# Theory of Action

## Statement–Detailed\*

- **IF** we have *professional learning communities*, **THEN** we will have a scheduled time for teachers to discuss their work and the work students produce.
- And **IF** teachers share their work and the results with each other, **THEN** they will be able to learn from each other's successes and draw upon the expertise of their colleagues around common challenges.
- And **IF** teachers draw upon the expertise and successes of their colleagues around common challenges, **THEN** teachers will be able to incorporate new and successful strategies into their practice with support from their colleagues.
- And **IF** teachers incorporate successful strategies into their practice, **THEN** students will benefit from more effective teaching.
- **AND THEN** *student learning will increase.*

\* Adapted from <http://www.slideshare.net/dianelauer/theory-of-action>

# Logic Model



Enhancing Program Performance with Logic Models, University of Wisconsin-Extension, Feb. 2003

Taken from <http://www.uwex.edu/ces/pdande/evaluation/pdf/lmguidecomplete.pdf>

# The Process: Designing an Evaluation

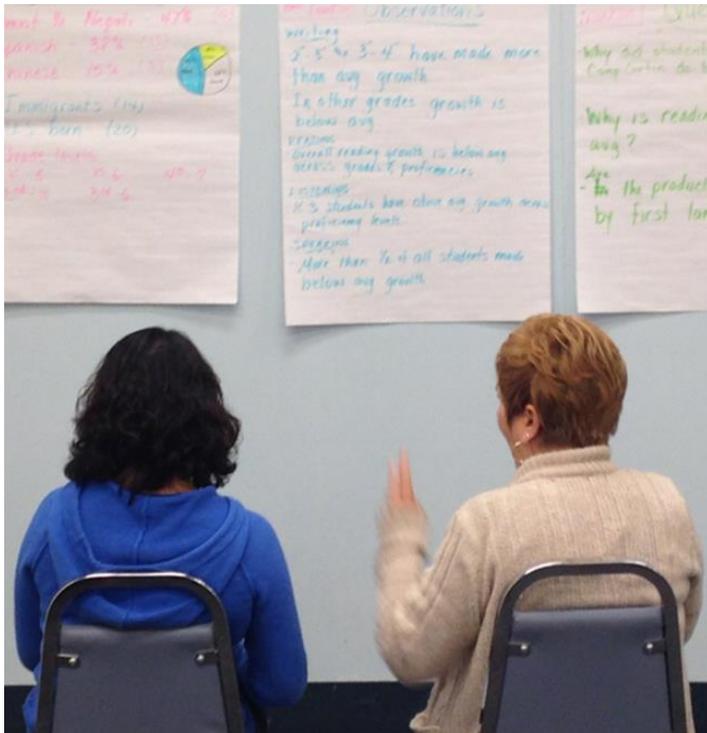
## Small Group Discussion

1. Select an AIERA Research Area, one question within that area, and hypothesize a NAM grant project that could be created from it (10 min.).
2. Discuss how you might create a theory of action and logic model from your project. Summarize your conversations (30 min.).
3. Report out (20 min.).

# 10 minutes to go!



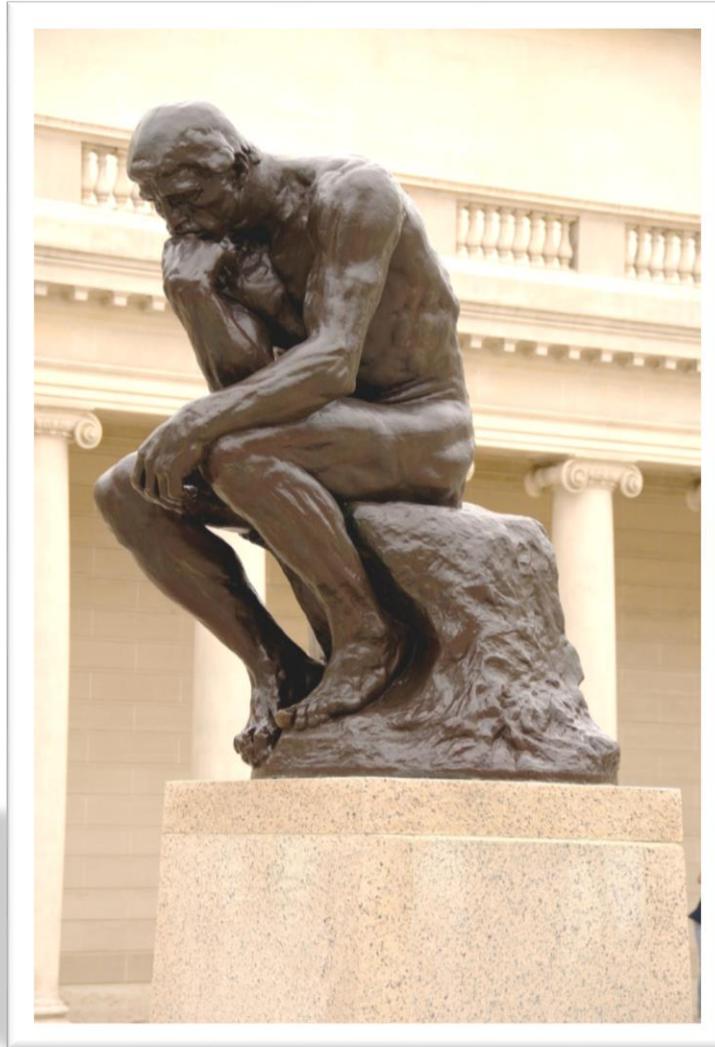
# Synthesize Key Findings....



# Time to Share



# Closing Thoughts...



# Questions and further information

## American Indian English Learner Research Alliance (AIERA)

### Sign-up Sheet

If you are interested in learning more about the American Indian English Learner Research Alliance, being a part of it, or contributing in any way, please provide your contact information below. We appreciate your support of this important project. We are planning our first meeting for July 19-22, 2016.

Name \_\_\_\_\_ Address \_\_\_\_\_

Email \_\_\_\_\_ Phone \_\_\_\_\_ Mobile: \_\_\_\_\_

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# Thank you



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