Turning Reports into Action
Lessons learned, progress made, and what is next

Tom Luce
Chairman of the Board
National Math and Science Initiative
1. **Find** existing programs that *work*, can be accurately *measured*, are *sustainable*, and are *scalable*

2. **Replicate** those programs across the nation

3. NMSI chose to initially focus on replicating two programs:
   - Advanced Placement Training and Incentive Program (now called the AP Program)
   - UTeach Program
The Beginning
2007

AP Program and UTeach locations in 2007

AP Program
UTeach Program

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Replication: AP Program

2008

AP Program Locations in 2008: 6 states, 67 schools
Growth: AP Program

2013

AP Program locations in 2013: 18 states, 462 schools
We make a dramatic difference in 1 year...

Percentage increase in scores of 3 or greater for 294 NMSI schools in the first year of the AP Program

- Math, Science, English: 79% (U.S.), 107% (NMSI)
- Math and Science: 84% (U.S.), 104% (NMSI)
- All Students
- African American and Hispanic Students
- Female Students

Source: College Board. 63 schools started in 2008, 73 started in 2009, 88 schools started in 2010, and 70 schools started in 2011.
And sustain that difference after 3 years

Percentage increase in scores of 3 or greater for 136 NMSI schools after three years in the AP Program

Source: College Board. 63 schools started in 2008, 73 started in 2009, 88 schools started in 2010, and 70 schools started in 2011.
Replication: UTeach
2008

UTeach locations in 2008: 13 Universities

- University of California at Berkeley
- University of Colorado at Boulder
- University of Kansas
- Northern Arizona University
- University of California at Irvine
- University of North Texas
- UTeach Institute at University of Texas at Austin
- Louisiana State University
- University of Texas at Dallas
- University of Houston
- Temple University
- Western Kentucky University
- Florida State University
- University of Florida
- University of Texas at Austin

UTeach Cohort I Universities
University of Texas at Austin
Growth: UTeach
2013

UTeach locations in 2013: 34 Universities
UTeach Impact

With our current UTeach programs…

Graduates of UTeach programs nationwide are projected to teach over 3.5 million secondary students by 2020.

Projected number of students taught by UTeach graduates nationally

- Cohort 3 Spring 2012
- Cohort 2 Fall 2010
- Cohort 1 Fall 2008
- UTeach at UT Austin

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A Major Announcement Next Week…

2013 and beyond

UTeach will expand to 10 more Universities in Fall of 2013

UTeach Program Graduates
(Cumulative Count)

<table>
<thead>
<tr>
<th>Year</th>
<th>Graduates</th>
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<tbody>
<tr>
<td>2011</td>
<td>779</td>
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<tr>
<td>2012</td>
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<td>2021</td>
<td>13,221</td>
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<tr>
<td>2022</td>
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</tbody>
</table>

As of 2012, actual number of graduates

100,000 in 10 ends in 2021
Replication: AP Program and UTeach

2008

AP Program and UTeach locations in 2008

- **AP Program**
- **UTeach Program**
Growth: AP Program and UTeach

2013

AP Program and UTeach locations in 2013

- **AP Program**
- **UTeach Program**
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