Innovate+Educate
A National STEM agenda

Public-Private Collaboration to Transform Education

Viable Industry Partnerships to Advance STEM in States
Innovate+Educate is working across the U.S. with top Fortune 500 companies for collective impact in addressing educational transformation and STEM workforce needs at the State level. This involves alignment, collaboration, and innovation.

15 States are part of the National Multi-State Network as of September 1, 2011
# Workforce Needs Comparison

<table>
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<th>Last 20 years</th>
<th>Next 20 Years</th>
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<td><strong>Number of Jobs Held</strong></td>
<td>1 – 2 Jobs</td>
<td>10 – 15 Jobs</td>
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<td><strong>Job Requirement</strong></td>
<td>Mastery of One Field</td>
<td>Cross-cutting Skills</td>
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<td><strong>Teaching Model</strong></td>
<td>Subject Matter Mastery</td>
<td>3 Key Skills for all jobs, plus targeted skills training</td>
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<td><strong>Assess Achievement</strong></td>
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<td><strong>Workforce Projections</strong></td>
<td>Relied on BLS Data</td>
<td>Need for Real-Time Real Labor Data</td>
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**Notes:**
- Relied on BLS Data
- Need for Real-Time Real Labor Data
STEM = JOBS

- Only 5% of jobs are direct STEM jobs as defined under occupational category of scientists, engineers, etc.

- Other 95% needs to STEM skills – Innovate+Educate is reviewing national job data in preparation of the June STEM Summit 2012. What jobs are STEM, how do we define STEM?
Our Work In Action

NM Collective Impact
3 Projects

National STEM Network
15 States, 500 companies

Board of Directors
Jami Grindatto, Intel Chairman of the Board

Jamai Blivin
CEO

Key
- Current participants in Multi-State STEM Network
- NAGA Innovation America Networked States
CONTACT US

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