THE INNOVATION CHALLENGE PITCH

A Special Thank You To...

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Lumina Foundation
&
The Judges

Dorothy H. Air from the University of Cincinnati

Chester N. Kennedy from Lockheed Martin Mission Systems and Training

Nicole McDonald from Lumina Foundation

William M. Sherman from the University of Akron

Ed Smith-Lewis from the Bill & Melinda Gates Foundation
THE INNOVATION CHALLENGE PITCH RULES

• $30,000 to award to as many as three pitches, how to allocate is judges’ discretion

• A pitch is disqualified if presenter goes beyond the five minute allotment

• Judges have five minutes to question each participant
THE INNOVATION CHALLENGE PITCH
HIGHER EDUCATION-EMPLOYER RELATIONSHIPS

California State University, Northridge

Julia Potter, Director of External Relations, Tseng College of Extended Learning

CSU5
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HIGHER EDUCATION-EMPLOYER RELATIONSHIPS

Florida International University

Steven A. Rojas Tallon, Program Lead, Talent Development Network, Office of Community Engagement

The Talent Development Network
Talent Development Network

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THE INNOVATION CHALLENGE PITCH
HIGHER EDUCATION-EMPLOYER RELATIONSHIPS

Indiana University-Purdue University Indianapolis

Charles R. Bantz, Chancellor

ESP2@IUPUI (Employer-Student Partnerships using Educationally-Sound Practices)
IUPUI
Pathway to Success

21st Century Scholars

COMMITMENT
2.5 High School GPA
30 College Credit Hours Per Year
THE INNOVATION CHALLENGE PITCH
HIGHER EDUCATION-EMPLOYER RELATIONSHIPS

University of Houston

Ramanan Krishnamoorti, Chief Energy Officer

Innovations for Educating the Energy Workforce
### NEED

- Energy industry growth
- Shortage of workers by 2017:
  - 75,000 mid-skill
  - 10,000 high-skill
- Immediate, growing need:
  - *Double* shortage by 2020

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### EXPERTISE

- University of Houston = **Energy University**
  - Petroleum engineering
  - Subsea engineering
  - Industry partnerships
  - Non-traditional students
  - Stackable credentials: **SPEED + VOLUME**

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### SOLUTION

- Up-skill energy workers
  - B.A. in Organizational Leadership & Supervision:
    - project management
    - organizational leadership and supervision
    - advanced petroleum technology
    - advanced chemical technology
    - advanced safety technology
  - Military veterans: **1,000,000 in Texas**

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### ACTION

- 1st cohort in 2015
  - Demonstrate success:
    - scalability
    - portability
  - Tackle immediate and growing need
University of Louisville

Neville Pinto, Dean, J.B. Speed School of Engineering

Institute for Product Realization—Connecting Education, Research and Job Creation
The Future of Product Innovation

Digital Co-Creation and the Microfactory

Invest in the Future

louisville.edu/speed

firstbuild.com
University of North Carolina at Charlotte

Robert Wilhelm, Vice Chancellor, Research and Economic Development

Energy Resiliency is an EPIC Effort
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ALIGNING THE CURRICULUM TO THE LABOR MARKET

California State University, Fresno

Lynnette Zelezny, Provost & Vice President of Academic Affairs

Top Dog Talks
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Cleveland State University

Byron White, Vice President for University Engagement

“Career Pathways” Orientation: Translating Between Academic Majors and Workforce Needs
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Portland State University

Sona K. Andrews, Provost

An Innovative MS Program in Industrial Mathematics
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SUNY Downstate Medical Center

Mark Stewart, Dean, School of Graduate Studies, Vice Dean for Research

A Mentoring Pipeline to Support Educational Pipelines in Brooklyn
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Virginia Commonwealth University

Kenneth B. Kahn, Director, VCU da Vinci Center

INNOVATE Living-Learning Program at VCU
THE INNOVATION CHALLENGE PITCH
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