AGENDA
TA3 Program: STEM, STEAM, and Dream: Educating an Imaginative and Skilled Workforce

June 2 - Symposium
9:00 am
Ivy Tech Corporate College & Culinary Center – 1st Floor Conference Center
2820 N. Meridian Street
Indianapolis, Indiana 46208

Opening
Jeannine La Prad, Corporation for a Skilled Work Force
Lars Møller Bentsen, Danish Agency for Higher Education

Greetings
Tom Snyder, President, Ivy Tech Community College
Martin Baier, Vice President, International Center, Indianapolis
Jane Gehlhausen, Office of the Mayor, Director of International and Cultural Affairs

9:30 am Multi-disciplinary learning
Examples of efforts at colleges that integrate creative and STEM curricula or students through integrated curricula, classes, or projects.
Chair: John Winzeler, CEO, Winzeler Gear, Chicago
  • Fatma Mili, Head of Department of Computer & Information, Purdue University
Respondents:
  • Eric Brownlie, Director of Teaching and Learning, Glasgow Clyde College, Scotland
  • Craig Clark, Interim Vice President, Alfred State College
  • Angie Taylor, Vice President, Gateway Community & Tech College, Kentucky

10:30 am Coffee Break

10:50 am Value of interdisciplinary learning to STEM skills and creativity
Introduction: Dr. Rebecca Nickoli, Retired Vice President for the Corporate College and Grants Administration, Ivy Tech Community College
Martha Eldredge Stark, Executive Director, NSERVE, Chicago

11:45 am European Experience: Policy Perspective
Introduction: Greg Rutherford, President, York Technical College, SC
Jill Cush, Director, Innotech Center, SouthWest College, Northern Ireland, UK

12:30 pm Lunch
1:30 pm US Experience: Employer Perspective
Introduction: Stuart Rosenfeld, Founder, RTS
Kathryn Bokowy, GE Health Care, Milwaukee

2:30 – 4:00 pm - Two Parallel Panels (3-4 speakers each from US and Europe)

A. Mixing it up in Makerspaces
Session on dedicated spaces at community colleges with small-scale technologies to promote creativity, entrepreneurship, and innovative design and production for both technical and not-technical students. Often called Makerspaces, Fab Labs, or Tech Shops.
Moderator: Doug Webster, Vermont Agency of Education, Leader of Maker Movement in Vermont
  • Dean Sommerfeld, Fox Valley Technical College, Wisconsin
  • Torkel Milling, Project Director, Copenhagen Technical College, Denmark
  • Greg Rutherford, President, York Technical College, South Carolina

B. New entry points to STEM for underserved populations
Boundary crossing careers that require STEM skills and appeal to populations that may be under-enrolled in conventional technical occupations, such as health, design, entertainment technologies.
Moderator: Darlene Miller, Exec. Director, National Council for Workforce Education
  • Margaret Semmer, Vice Chancellor/Academic Affairs and Student Success, Ivy Tech Community College
  • Jess Niebuhr, Dean, Minneapolis Community & Technical College
  • Carissa Schutzman, Gateway Community & Technical College, Kentucky

4:30 pm - 6:00 pm Reception for all (Cash Bar)