YCC | Models for the Future!
Friday, October 7, 10:30 – 11:15

Presenters

- Galveston Independent School District
- Board of Education, Buffalo, NY
- Partnerships for a Skilled Workforce
- Kentucky Educational Development Corporation
- Manufacturing Renaissance (Chicago)
- Putnam County Board of Education
- Toledo Public Schools
- Ivy Tech

Toledo Public Schools (Ohio)
Karla Spangler | kspangler@tps.org
The Youth CareerConnect grant program is designed to encourage America's school districts, institutions of higher education, the workforce investment system, and their partners to scale up evidence-based high school models that will transform the high school experience for America's youth. Youth CareerConnect schools will strengthen America's talent pipeline through:

- Integrated Academic and Career-Focused Learning
- Work-Based Learning and Exposure to the World of Work
- Robust Employer Engagement
- Individualized Career and Academic Counseling
- Integration of Post-secondary Education and Training

Toledo Public Schools (Ohio)
Karla Spangler | kspangler@tps.org
The Missing Piece to the Puzzle

Brax Easterwood Design
architecture + planning

Galveston Independent School District (Texas)
Bob Brundrett, Ph.D. | bobbrundrett@gisd.org
Work-Based Learning and Exposure to the World of Work

Summer Internships:

Roswell Park Cancer Institute’s Summer Cancer Research Experience Program
Students gain a first-hand research experience by working full-time on an independent cancer-related research project. As part of the application process, students with an interest in biology, chemistry, physics or math are able to rank their choice of available projects in the following research areas: Cancer biophysics, Health behavior/cancer health disparities, Biostatistics, Tumor immunology, Cancer prevention/epidemiology, Cancer cellular/molecular biology, Cancer genetics, and Molecular pharmacology and cancer therapeutics.

The Jacobs Institute’s Next Gen Summer Internship
Students attended physician lectures 2-3 days per week, observed procedures in the catheterization labs, viewed recordings of neurosurgical cases, practiced with the hands-on Mentice endovascular simulator, prepared a research paper and a TED-type talk.

The McGuire Group’s Garden Gate Health Care Facility
Students rotated through several departments (nursing, kitchen/dietary, environmental services, activities, therapy, front office) working one-on-one with staff.

Board of Education (Buffalo, NY)
Amy Franco | afranco@buffaloschools.org
9th Grade: Career Awareness
✓ Participate in site visits, self-assessments, reflections and project-based learning
✓ Select a career sector to investigate through research, mentors and work

10th Grade: Career Exploration through Mentoring, Career Research, and Portfolio:
✓ Research and report about industry sectors and occupations
✓ Interview and engage with mentors
✓ Career readiness training and application for internships

11th and 12th Grade: Work-based Learning Experience and College Classes
➢ Gain meaningful work experience, produce expected outcomes and results
➢ Earn credit towards post-secondary education

Partnerships for a Skilled Workforce, Inc. (Marlborough, Massachusetts)
Kelley French | kfrench@pswinc.org | www.pswyouthcareers.org
Kentucky Educational Development Corporation (KEDC)
Clabe Slone | clabe.slone@kedc.org
Advanced Manufacturing for Advancing Communities

Skilled Production $38,940/year

College

Engineering $80,580/year

Management $93,650/year

Chief Executive $167,280/year

• Expose
• Inspire
• Prepare
• Connect
• Support

Key Partners

Manufacturing Renaissance (Chicago)
Erica Swinney | eswinney@mfgre
School Description

• Small School System
  • Only 1 high school
  • Program students comprise ~20% of the school population

• Rural Area
  • ~10 miles from the city center
  • ~17 miles from next closest town

• Impoverished Population
  • Over 70% of our students are economically disadvantaged

Challenges

• Lack of Local Industry & Big Business
• Transportation & Location of Opportunities
• Insurance, Liability, and Workman’s Compensation & Minimum Age Requirements
• Limited Opportunity for Monetary Compensation
• Minimum Long-Term Commitment from Partners

Strategies

• Labor Market Driven Programs
• High School Graduation Requirements
• Clear & Open Communication Between Partners
• Stakeholder Awareness & Knowledge
• MOUs & Articulation Agreements
• Flexible & Unique Approaches

Flipped Internship/Mentorship Models

The flipped internship/mentorship models are scenarios in which students can complete meaningful work/projects during their school day for an employer partner or mentor.

• School maintains supervision of students while completing work-related tasks or being mentored
• Takes advantage of state-developed work-based learning, independent study, and soft skill development programs
• Students’ perception about the work and mentoring that occurs is more positive

Putnam County Board of Education (Georgia)
Katherine Reid | katherine_reid@putnam.k12.ga.us
Plan for Recruiting students into YCC (Career Technology) Programs
Vital Partners for the ITEP/YCC Program
- Employers
- School Corporations
- Economic Development Officials
- Workforce Development Officials

Enhanced Partnerships for Program Success
- Sub-groups of Vital Partners
  - Corporate Officials, Plant Managers, Human Resource Officials, Union Officials
  - State Officials, Superintendents, Principals, Counselors, Teachers
  - City or County Officials, Regional Officials, State Officials, National Officials
  - Regional Workforce Operators, Service Providers
  - National Standards Boards
  - Community Champions
  - Parents
  - Mentors
  - Social Service Providers

Strategies for Engagement
- Professional development activities – Focus on Sub-groups
- Involve group members in planning and delivery of sessions
  - Develop a programming series for targeted groups throughout the year
  - Plan events for cross sections of stakeholders – MFG Day – October 7, 2016
  - Host events at different stakeholders locations
- Communication – Focus on Vital Partner
  - Newsletters
  - Presentations
  - Social Media
Thank you!
Bob Brundrett