

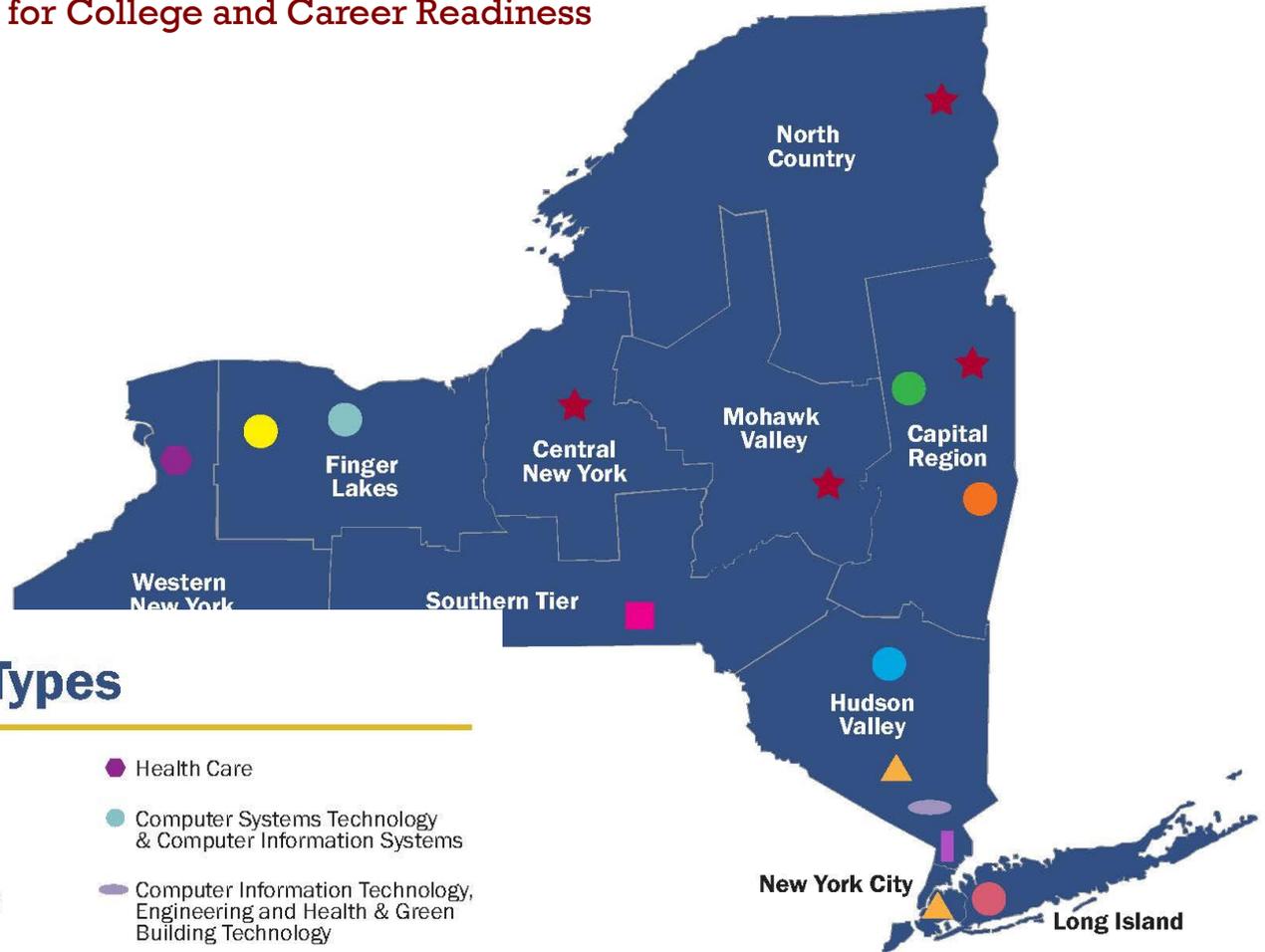
NYS P-TECH

New York State Board of Regents

June 23, 2014

NYS P-TECH

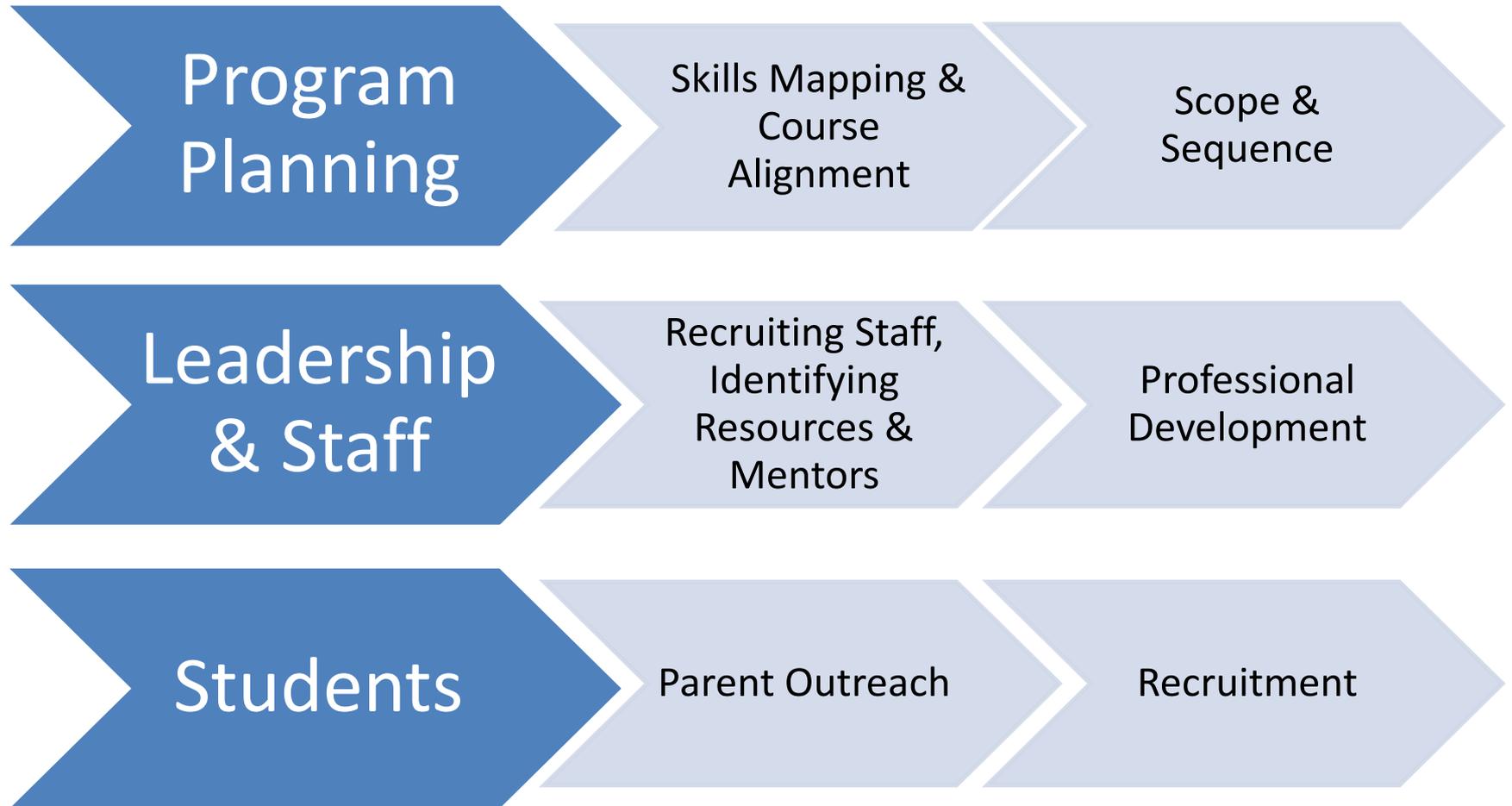
Public-Private Partnerships for College and Career Readiness



Consortium Types

- ★ Manufacturing
- Clean Technologies
- Advanced Manufacturing
- Health-Tech & Manufacturing
- ▲ Information Technology
- Mechanical Engineering
- Science, Technology, Engineering & Math (STEM)
- Health Care
- Computer Systems Technology & Computer Information Systems
- Computer Information Technology, Engineering and Health & Green Building Technology
- Agri-Business & Advanced Manufacturing
- Architecture

NYS P-TECH Planning Year

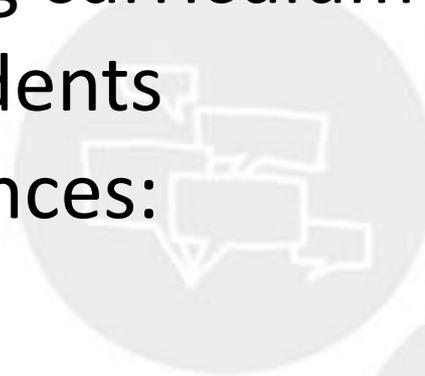


Professional Development

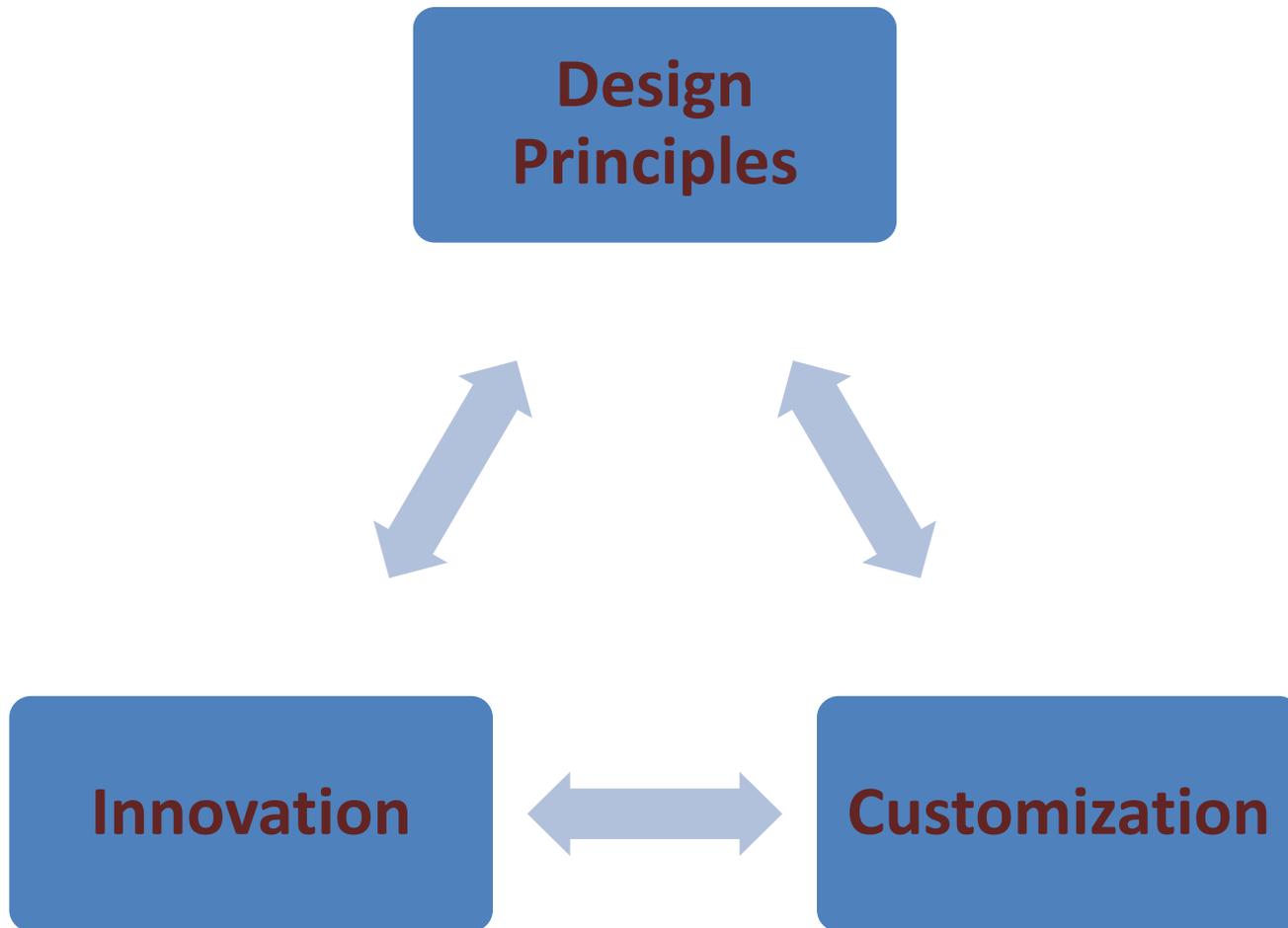
- Convening in Albany – November & May
- Calls for school leaders – monthly
- Call for business leaders – quarterly
- Visits to P-TECH in Brooklyn, 5 conducted
- Consultations with planning teams – 4 times to date for each team
- Joint session for Greater Capital Area with Pathways to Prosperity/Jobs For the Future
- Resources and Partners

Industry commitments

- Curriculum skills mapping
- Workplace Learning curriculum
- Mentors for all students
- Workplace experiences:
 - Speakers
 - Worksite visits
 - Job shadowing
- Internships
- First in line for jobs



NYS P-TECH: NEW MODELS



Policy Issues

- Fidelity to the Model, 9th Grade
- Leveraging BOCES in rural areas
- Integrating college courses
- Tuition for college courses
- Enhanced workplace experience
- Accountability & completion standards
- P-TECH Designation

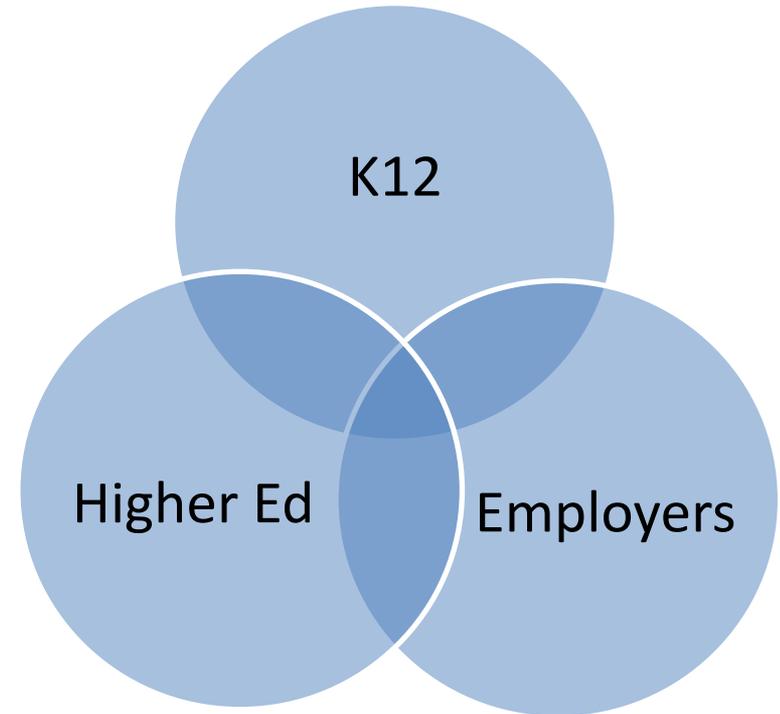
DISCUSSION

YOUR QUESTIONS?

BACKGROUND MATERIALS

NYS P-TECH AWARDEES

- **16 Partnerships; >6000 students**
- **Serving all 10 economic regions**
- **Partners include:**
 - 16 Lead School Districts
 - 11 BOCES Implementing Leads
 - Another 60+ participating School Districts
 - 19 Colleges – 17 Public/2 Private
 - More than 50 named employers plus three regional business associations



NYS P-TECH

KEY BENEFITS FOR STUDENTS

- Rigorous, relevant “grades 9 to 14” education for STEM careers;
- Workplace learning, e.g. professional mentors, worksite visits & internships
- Individualized support & pathways;
- Cost-free AAS degree in a STEM field; AND
- First in line guarantee for a job with business partners at graduation

PROGRAM ELEMENTS

- Integrated six year curriculum
- Redesigned scope and sequence
- Attention to academic, technical & workplace mastery
- Integrated instruction & project-based learning
- Individual pathways
- Extended time in the daily/weekly schedule and annual calendar
- Support services and community resources
- Ongoing, collaborative professional development

UNIQUE SCHOOL DESIGN

- Focus on College
 - Common Core State Standards
 - High expectations & college culture
- Focus on Careers
 - Skills mapping & backwards planning
 - Workplace learning & authentic PBL
- Focus on Students
 - Serves students across academic levels

NYS P-TECH WILL ALSO:

- Develop programs of study in high-wage, high-skill, high-demand career areas;
- Align school, college and community systems;
- Promote appropriate career choice and preparation; AND
- Ensure that employers in key industries have access to a talented and skilled workforce.

Workplan, July – Dec 2014

- Summer (July – August 2014)
 - Launch (including communications strategy) & document Summer Bridge Programs
 - Trouble shoot outstanding issues for program launch;
 - Implement necessary accountability measures for new 9-14 design;
 - Review proposals and select Cohort 2 partnerships; and
 - Develop communications strategy for school opening.

Webinars

- Skills Mapping (IBM)
- Developing an Integrated 6 Year Scope & Sequence (CUNY)
- Projects to Inquiry Based Learning, Leveraging Career Content (Clarkson U.)
- Partnering with Local Employers, Nurturing the Most Productive Relationships (Urban Assembly)
- Care and Feeding of an Effective Steering/Planning Committee
- Using Data for Continuous Improvement: Lessons from Collective Impact (Cradle2Career Network)
- Career Clusters and effective strategies to develop Career Pathways and Curriculum (NASDCTEc)
- Online Mentoring Platform; Available to all NYS P-TECH Partnerships (IBM and I Could Be)

Workplan, Continued

- Fall (September – December 2014)
 - Launch new schools;
 - Announce Cohort 2 partnerships
 - Convene Cohort 1 and 2 partnerships in Albany;
 - Conduct professional development, inter-visitations & mentoring among teams;
 - Enhance online network for trouble shooting & continuous improvement across the network;
 - Continue webinars and regular team calls; and
 - Implement monitoring & accountability measures.