Welcome!

2017 Institute on Project-Based Learning

Rick Vaz, Director
WPI Center for Project-Based Learning

#ipbl2018
Goals

Ideas, examples, and inspiration

Connections and contacts

Progress toward your goals

Campus action plan
Plenary Sessions
Networking
Team Time
Campus Action Plans
Other Institute Highlights

• Today
  – Institute charge
  – Keynote address
  – Lightning introductions
  – Lunchtime discussions
  – Cluster meetings

• Friday
  – Consultations by signup
  – Action plan development

• Saturday
  – Action plan presentations
  – Lightning presentations
Essential Elements of Project-Based Learning

Buck Institute of Education

- Key Knowledge, Understanding, and Success Skills – both discipline-specific and transferrable

- Challenging Problem or Question - open-ended and engaging, at the appropriate level of challenge

- Sustained Inquiry - an extended process of asking questions, finding resources, and applying information

- Authenticity - real-world context, tasks and tools, quality standards, and/or impact
Essential Elements of Project-Based Learning

Buck Institute of Education

✓ **Student Voice & Choice** - students make decisions, including how they work and what they create

✓ **Reflection** - students reflect on learning, the effectiveness of their inquiry, the quality of their work, and obstacles

✓ **Critique & Revision** - students receive and use feedback to improve their process and products

✓ **Public Product** - students make their project work public by explaining, displaying and/or presenting it beyond the classroom
WPI Project Glossary

- **1st year:** Great Problems Seminar (GPS)
  - 6 credit hours, interdisciplinary

- **2nd year:** Humanities and Arts Capstone
  - Seminar or practicum in chosen area

- **1st – 4th years:** Course Project Work
  - Engineering, science, humanities, ...

- **3rd year:** Interactive Qualifying Project (IQP)
  - 9 credit hours, interdisciplinary gen ed

- **4th year:** Major Qualifying Project (MQP)
  - 9 credit hours, capstone in major field
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Other Unusual Things about WPI

- 7 week terms
  - A and B in the fall
  - C and D in the spring
  - 9 credit hours each term
  - Facilitates off-campus projects

- Nontraditional grading system
  - Transcript records accomplishments
  - A, B, C only
  - No official GPA
  - Promotes risk and collaboration

- Flexible requirements
  - Few required courses
  - No formal prerequisites
Rev. Dr. Debora Jackson ‘89

Director, Lifelong Learning
Yale Divinity School
Randy Bass
Vice Provost for Education and Professor of English
Georgetown University