What is the IQP All About, and How Can You Find One?

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What I Hope You’ll Learn Today

- What the IQP is
- Why do one
- What’s an IQP look like
- How to find your IQP
- When to find your IQP
What Does IQP Stand For?

- **Interactive**: How technology and science interact with social issues and human needs
- **Qualifying**: A graduation requirement
- **Project**: Not a course – tackling a real-world problem
What Are the Learning Goals?

- Open-ended *problem solving*
- Effective *teamwork*
- Establishing clear, useful *goals*
- Doing *research*
- Collecting and analyzing *data*
- Delivering useful *results*
- Clear and persuasive *communication*
- Professional *habits and skills*
What Can Prepare You for IQP?

- Social science/policy studies
- Cultural Studies, History, Foreign Affairs..
- Great Problems Seminars
- Teamwork experience
- Research experience
- Awareness of current events
An example

- The Drone Perspective
Off-Campus IQP Opportunities

- IGSD works to fill openings that occur in project centers year around.
  - Start of each term we publicize openings two terms out.
  - Start of D term: Openings in B19, C20 and D20 will be advertised with instructions re application process.
Finding an On-Campus IQP

On-Campus Project Centers

- Sustaining WPI Project Center
  - Prof. Suzanne LePage, CEE

- Center for Sustainable Food Systems
  - Prof. Lisa Stoddard, SSPS

- STEM Education Project Center
  - Kathy Chen, Director WPI STEM Center
Demo: Finding a Faculty-Proposed IQP

E-Projects 2.0
IQP Opportunities Fair

*Thursday, March 14*

Odeum, Campus Center, 11:30 - 1:30

Meet faculty and discuss projects
Finding an On-Campus IQP

- Or On Your Own
  - You need students, an advisor, and a topic
  - Start with any one and go from there
  - Most faculty are willing to advise IQPs

- Look for Examples in Gordon Library

https://www.wpi.edu/library
**TODAY!** The faculty-proposed projects website is always live. *Start looking!*

- **March 11:** D Term Begins
- **March 14:** On-campus IQP Fair, Odeum, 11:30 to 1:30
- **Early April:** Rising Juniors Begin Course Registration

*Find Your IQP and Register BEFORE…*

- **April 30:** Last day of D-term!