

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

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**IQP Information Session
February 21, 2019**

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

Finding an On-Campus IQP

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>

Timetable

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!