Mershon 2009
Undergraduate Research Forum

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What foundation do you need to have before undertaking a research project?

*Enough to answer some questions:*

- How have other researchers tried to solve this puzzle?
  - What approaches
  - What factors do they think explain it
- What is the gap left in our knowledge?
What theories and facts do you need to know?

1. *Why is this an important question?*
   - In real-world terms
   - In theoretical terms

2. *How have other researchers tried to answer this question?*
   - What approaches
   - What explanatory variables

3. *What gaps are left in our understanding of the puzzle?*
What classes do you need to take?

• Any that help you answer the above questions about

• Research methods relevant to your discipline
How can undergraduates work with the Institutional Review Board?

• IRB exists to ensure the protection of human subjects

• Enforces norms of ethical conduct of research
  – Voluntary consent
  – Minimization of risk
  – Reasonable risk/benefit balance
  – Appropriate methods
  – Subjects can withdraw at any time
How can undergraduates work with the Institutional Review Board?

Office of Responsible Research Practices

http://orrp.osu.edu/irb/initialreview/index.cfm

• Collaborative Institutional Training Initiative (CITI) web-based human research course
• Submit “initial review” application
• Communicate with IRB
  – Attend the meeting