IPRO 328: Church Energy Efficiency Program

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Statement of the Problem

- Large number of churches within Bronzeville area
  - Energy inefficient older buildings
  - Lacking resources to correct problems

- Impact
  - Financial burden
  - Environmental impact
Goal

- IPRO 328 is working to develop a volunteer Energy Corps to help churches in the neighboring Bronzeville area become more energy efficient, thus saving them money on their energy bills.
Objectives

- Create a self-sustaining volunteer Energy Corps
  - Effectively train volunteers
  - Perform an energy audit
  - Mobilize volunteer group for Day of Service
- Select a viable church for an audit
  - Establish funding for church improvements
- Create a functional, informative, easy to use website
Organization of the Team

Team Leader: Philip Soderling

Research Sub-Team Leader: Robert Knapczyk
- Todd Maddamma
- Matthew McKinley
- Ja Young Kim
- Patrick O’Brien

Energy Corps Sub-Team Leader: Philip Soderling
- Kathryn Ciuffini
- Michael Schafer
- Bonnie Wedster
Progress Toward Goals

- **Energy Corps**
  - Research on effective volunteer organizations
  - Training site selected

- **Site Selection**
  - Surveys sent to candidate churches to collect information
  - Spoke with Lynne Meyer, Director of OSL
  - Established short list of candidate churches

- **Website** undergoing improvement
Major Obstacles

- Scheduling individual time to complete tasks
- Narrowing down goals and focusing on priorities
- Communication outside of class
- Finding the right method of funding
- Selecting ideal audit candidate