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Visit us at

<http://sciencefair.math.iit.edu/>

ILLINOIS INSTITUTE OF TECHNOLOGY $a^2 + b^2 = c^2$

**SCIENCE FAIR
EXTRAVAGANZA**

IPRO 330

**Dynamic and Contemporary
Science Fair Projects for
Chicago Public Schools**

Sponsored by

The Interprofessional Projects Office

at Illinois Institute of Technology

Science Fair information and support for
CPS students, teachers and parents!

What is IPRO 330?

- IPRO 330 an inter-professional project created to develop a dynamic and contemporary science fair project bank for Chicago Public Schools (CPS)
- Provide web-based support on science fair projects, guides, data analysis and much more!

Target The Problem

- 2003: 15 year-old Americans ranked 24th out of 29 nations in average for mathematical literacy
- Urban 8th graders generally score worse on standardized science tests than other Americans

Our Objectives

- Combat mathematical and scientific illiteracy mainly in CPS students
- Provide students with the ideas and guidance necessary to succeed in their science fair projects
- Motivate students to learn math and science through intriguing science fair projects

Team Organization

Three sub-teams:

- Infrastructure : Web-site maintenance and up-dates
- Project/Guides: Provide innovative and interesting science fair project ideas and expanding current project data base
- Communications: Maintain feedback from CPS teachers, students and parents, arrange high school visits, and provide promotional materials



Accomplishments

- Restructured and reformatted Science Fair Website
- Created tutorials and guides on how to use the website for future IPRO members
- Created a student friendly Safety Hazards Guide
- Added 10+ new projects
- Renovated data analysis guides to be more comprehensible by CPS teachers, students, and parents
- Created a quiz to help students choose a science fair topic
- Visited high schools and presented our website and quiz to students and teachers

Future Plans

- Maintain and increase communication with CPS science teachers and science coordinators with the aim to provide our support for CPS science
- Add more interactive guides so that students learn through practice
- Increase and diversify online project bank