

Infrastructure Team

Antony Parrillo
Keith Campbell
Shane Steward

Project/ Guides Team

Aimee Totleben
Yewon Gim
Leah Baldwin
Patrick Ten Eyck
Joshua Tate

Communication Team

Angela Pak
Rocio Diaz

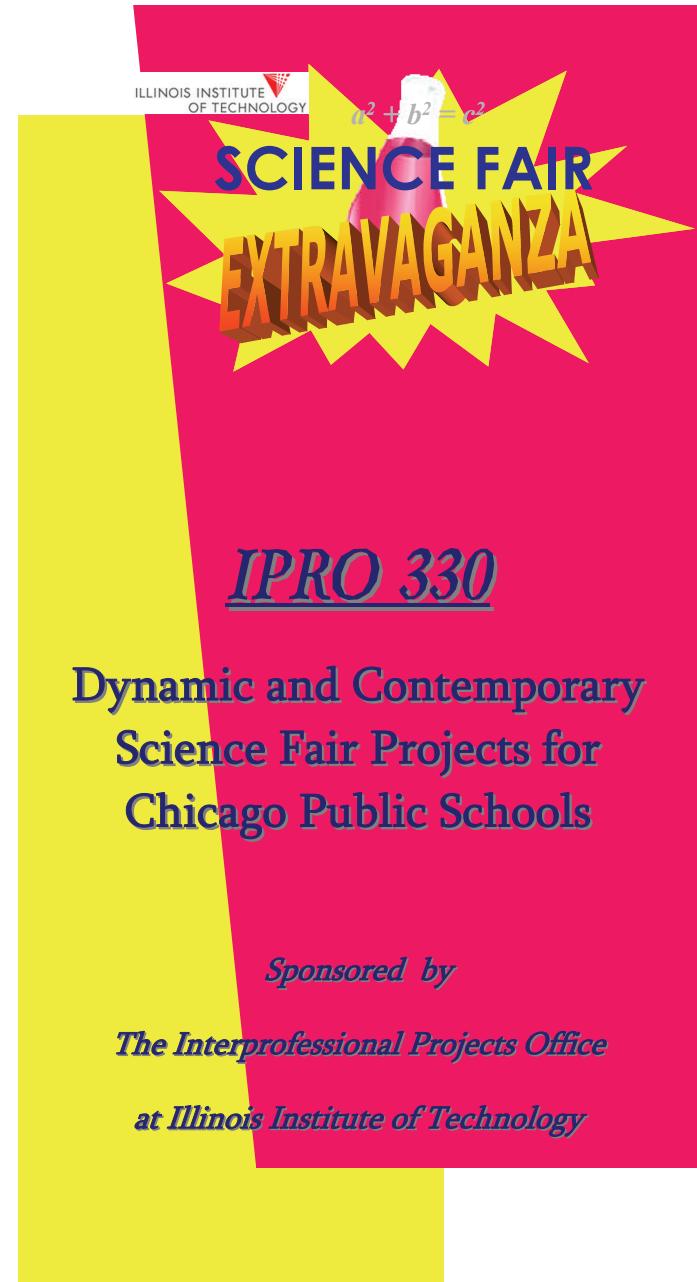
Faculty Advisors

Dr. Greg Fasshauer
Dr. Michael Pelsmajer



Visit us at

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



The poster features a yellow and red design. At the top left is the Illinois Institute of Technology logo. To its right is the Pythagorean theorem formula $a^2 + b^2 = c^2$. The main title "SCIENCE FAIR EXTRAVAGANZA" is in large, bold, blue and orange letters inside a yellow starburst. Below the title, "IPRO 330" is written in blue. The central text reads "Dynamic and Contemporary Science Fair Projects for Chicago Public Schools". At the bottom, it says "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