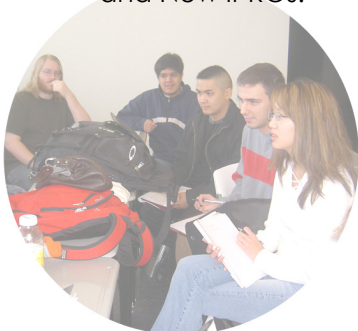




CREATION & SELECTION

Main Objectives

- **Benchmarking Research**
 - o Research other schools that have programs comparable to the IPRO education program.
- **IPRO Proposals**
 - o Generate ideas for new IPRO projects, based on benchmarking research.
 - o Develop ideas into IPRO proposals and search for faculty sponsors interested in leading the IPROs.
- **Search for Faculty Sponsors**
 - o Propose ideas to faculty by hosting faculty meetings and also meeting them individually.
 - o Work with interested faculty to develop and submit IPRO proposals.
- **IPRO Selection Meeting**
 - o Present all 50 IPRO Proposals to the Selection Committee - Continuing and New IPROs.



Problems Addressed

- There is a lack of student interest and commitment to any one IPRO project.
- Up to 80% of students are new to their IPRO teams each semester.

Strategy - Two SubTeams:

- Participate in the **Creation and Selection** of new IPROs.
- Participate in **Teambuilding** game development and assessment.

***"Coming together is a beginning,
Keeping together is a process,
Working together is success."
-Henry Ford***

Criteria for a Successful IPRO

1. Fulfills IPRO learning objectives.
2. Addresses real-world problems.
3. Demands multi-disciplinary skills.
4. Stimulates student interests.
5. Involves faculty interests.
6. Strengthens IIT's reputation.
7. Involves collaboration with other schools and organizations.

Our Top Ten IPRO Proposals

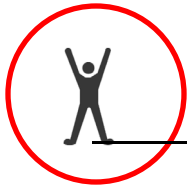
1. Hydroponics Gardening
2. Bus System Optimization
3. The Girl Who Got Away
4. Green City Trails
5. IIT Social & Professional Network
6. Green Engineering
7. Internet & Phone Infrastructure
8. RFID and Beyond
9. Human Body Energy Harvesting
10. Emergency Response Systems

Team Accomplishments

- We hosted faculty meetings and actively met with faculty independently, and from our efforts, we gained faculty sponsorship for three of our student-initiated IPROs and presented these to the IPRO Selection Committee:
 - o **Bus System Optimization** by Jean-Baptiste Goulain with Professor Sanjiv Kapoor, Computer Science
 - o **Green City Trails** by Xiao-Xuan Hu with Professor Laurence Rohter, Civil Engineering
 - o **Emergency Response Systems** by Janel Fung with Professor Wai Gen Yee, Computer Science
- Supported the IPRO Selection Meeting by professionally and efficiently presenting all 50 IPROs.
- Developed and tested new teambuilding games for the upcoming **"IPROlympics!"**

Future Work

- Continue with the **creation and selection** of new IPROs.
- Continue with the development of new **teambuilding** games/activities.



TEAMBUILDING

Main Objectives

- **Attend Teambuilding Events** to gather ideas for teambuilding and apply to our purposes.
 - o IPRO Games
 - o Play for Peace
 - o Pizza Party

- **Develop New Selection of Teambuilding Games** for the upcoming "IPROlympics!"
- Games are to enhance teamwork and communication.
 - o Pipe Dreams
 - o Brainbusters
 - o Lego Challenge
 - o Toxic Waste
 - o Zoom and Re-Zoom
 - o Alibi

- **Assess Level of Teambuilding** in other IPRO Teams.
 - o Identify problem areas in teambuilding and apply survey analysis to the development of teambuilding games.



I P R O 3 3 9

Team Members

John H. Baranggay, *Political Science*
 Brian Clark, *Computer Science*
 Daniel Dow, *Civil Engineering*
 Janel Fung, *Architecture*
 Jean-Baptiste Goulian, *Computer Science & Applied Math*
 Xiao-Xuan Hu, *Biomedical Engineering*
 Margaret Kibilko, *Psychology*
 Ivan Martinov, *Electrical Engineering*
 Joshua Oster, *Political Science*
 Elizabeth Young, *Molecular Biophysics & Biochemistry*
 Arthur Zavala, *Physics*

Faculty & Advisors

Daniel Ferguson, *Senior IPRO Lecturer*
 Carol Debiak, *Librarian*
 Tom Jacobious, *IPRO Director*
 Stacy Newton, *IPRO Coordinator*
 Michael Temin, *Play for Peace Director*



IPRO 339

Making a Difference in IPROs!

ASSESSING AND IMPROVING THE INTERPROFESSIONAL PROGRAM AT IIT