

IPROlympics



Games Developed:

- 1) Pipes and Marbles
- 2) Lego and Brainbusters
- 3) Toxic Waste
- 4) Zoom and Rezoom
- 5) Alibi

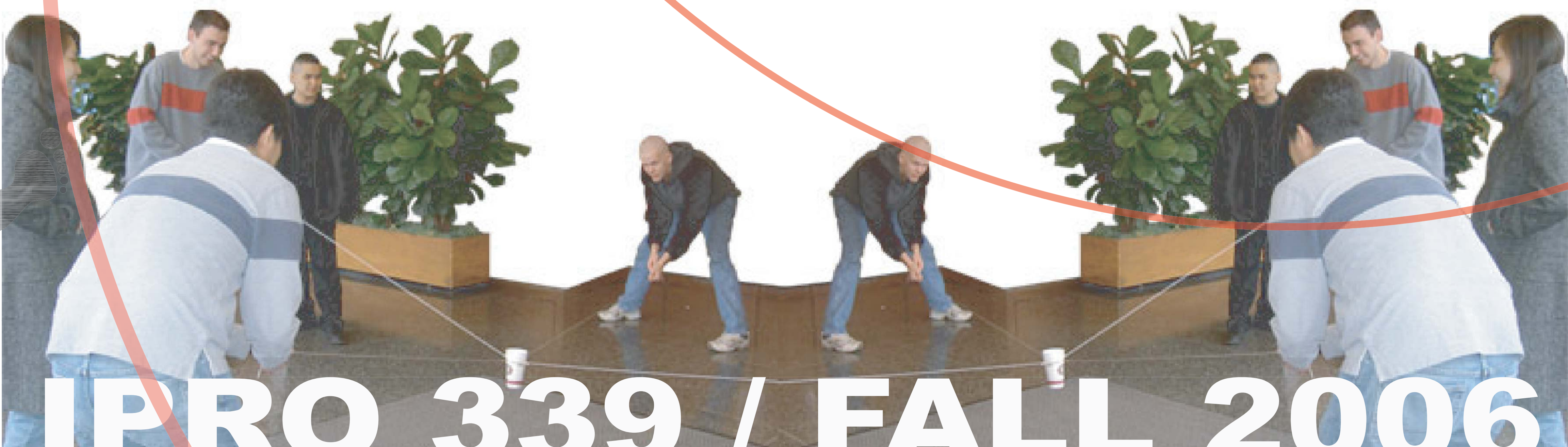
Judging Criteria:

- 1) Planning
- 2) Communication
- 3) Teamwork
- 4) Ethics
- 5) Debriefing



Game Criteria:

- 1) Fun & engaging
- 2) Involves teamwork
- 3) Simple to learn, setup, & play
- 4) Game play can be evaluated
- 5) Avoids cultural/handicap conflicts



I PRO 339



"Emergency Response Systems"
Proposed by Janel Fung
with Professor Wai Gen Yee,
Computer Science



"Aqua Terra Tech"
"Prosthetics"
Proposed by Liz Young



"E-Coli Busters"
"Homeless Prevention Network"
"The Girl Who Got Away"
Proposed by Margaret Kibilko



"Rain Garden Manual"
"Chemical Car"
"Learning Objectives Video Games"
Proposed by Brian Clark



"Internet and Phone InfraStructure"
"Games to Teach (iCampus)"
"Parabolic Power of Hydro Power"
Proposed by Ivan Martinov



"Hydronic Gardens of Babylon"
"Green Engineering"
Proposed by Daniel Dow



"City Green Trails"
"Robo-Arm for Handicap Children"
Proposed by Xiao-Xuan Hu



"Wheelchair Softball Stabilizer"
"Cardio Equipment Control Panels"
Proposed by Josh Oster



"RFID and Beyond"
"Bottle Cap"
Proposed by John Baranggay



"Solar Chimney"
Proposed by Arthur Zavala



"Emergency Response to Disasters"
"IIT Social and Info Networking"
"Tools for School Store"
Proposed by Janel Fung



"Optimization of a Bus Schedule"
"Energy Harvesting from a Human Body"
"Intelligent Textual Technical Assistance"
Proposed by Jean-Baptiste Goulain



#2 I PRO PROPOSALS

"Green City Trails"
Proposed by Xiao-Xuan Hu
with Professor Laurence Rohter,
Civil Engineering



"Optimization of a Bus Schedule"
Proposed by Jean-Baptiste Goulain
with Professor Sanjiv Kapoor,
Computer Science

MAKING A DIFFERENCE IN I PROS

#4 I PRO SELECTION MEETING

50 I PROs Presented
30 I PROs Selected



#3 SEARCH FOR FACULTY SPONSORS

IDENTIFY PROJECT IDEAS THAT FULFILL THE FOLLOWING CRITERIA OF A SUCCESSFUL I PRO
 Meets I PRO Learning Objectives
 Addresses Real-World Problem
 Strengthens IIT Image
 Engages Student Interests
 Engages Faculty Interests
 Provides Multi-Disciplinary Scope
 Involves Other Schools

VirginiaTech
 MichiganTech
 Berkeley
 MIT
 LEHIGH UNIVERSITY
 PURDUE
 ROSE-HULMAN
 NORTHWESTERN UNIVERSITY
 Ecole Polytechnique

#1 BENCHMARKING RESEARCH

