

## Recent Improvements:

- Brand new learning objectives test
- Forecasting model for future semesters (easily updateable and user friendly!)
- Major improvements to iGroups suite

## Accomplishments:

- Groupware and Interrater Agreement research presented at Chicago Area Undergraduate Research Symposium
- Multiple accepted papers to Frontiers in Education 2008 conference

## Published Papers Conferences Attended

- Frontiers in Education (FIE) 2007
- Assessing and Enhancing Reflective Judgement Thinking: Elizabeth Howard, Margaret Huyck, Kristin Bryant, Daniel Ferguson
- Improving Interrater Agreement Among Judges for Undergraduate Project Teams: Heling Shi, Daniel Ferguson, Jonathon Beagley
- Enhancing Team Formation Through Games: Margaret Huyck, Margaret Kibilko, Daniel Ferguson
- Writing Project Based Codes of Ethics to Increase Awareness of Ethical Issues: Margaret Huyck, Elizabeth Howard, Daneil Ferguson
- ASEE 2008
- Redefining Learning Objectives: Carolyn Wood, Daniel Ferguson

## Acknowledgements:

Zeenatroohi Rahman, Treson Ptak, Candace Say, IPRO Staff, systems staff, Christian Lam, June Ferrill, Tom Jacobius, Psych Service Center, Mark Malanoski, Shital Patel, Elizabeth Howard

# IPRO301

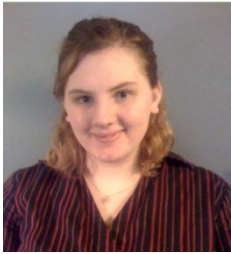
## Designing, Implementing and Evaluating Improvements to the IPRO Program

Kristin Bryant, Angela Gandhi,  
Margaret Kibilko, Hannah Kolb,  
Heling Shi, Carolyn Wood

Profs: Daniel Ferguson, Margaret  
Huyck



## Projects:

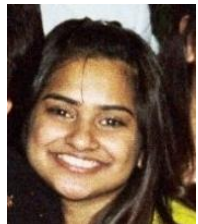


### **Reflective Thinking** Kristin Bryant

- Literature review
- Data analysis

#### Next Steps:

- Improve data collection
- Service learning impact on outcomes



### **Groupware** Angela Gandhi

- Literature review

- Data analysis
- iGroups survey

#### Next Steps:

- Data analysis
- Recommend upgrades



### **Teamwork & Peer Review** Margaret Kibilko

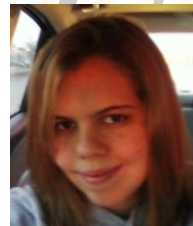
- Literature

review

- Benchmarking

#### Next Steps:

- Data analysis
- Recommendations (effectiveness of Games)



### **Forecasting** Hannah Kolb

- Literature review

- Wrote forecasting program

#### Results:

- User guide
- Accurate forecast for IPRO proposals

## Learning Objectives

Carolyn Wood

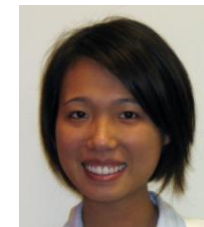


- Literature review
- Develop design LO

- Updates to LO test

#### Next Steps:

- Study guides
- Normalize to templates



### **Inter-rater Consistency** Heling Shi

- Literature review
- Data analysis
- Intervention recommendation

#### Next Steps:

- Intervention implementation & modification