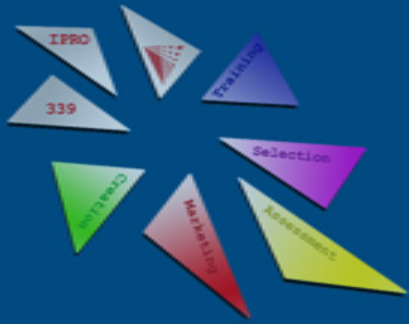


IPRO 339

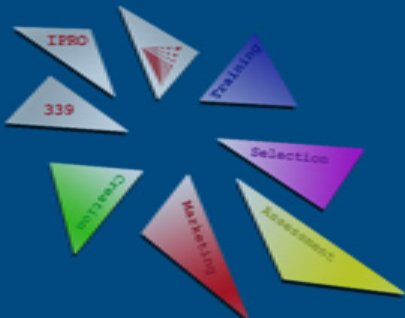
Assessing and Improving
Interprofessional Education at IIT

April 29, 2005

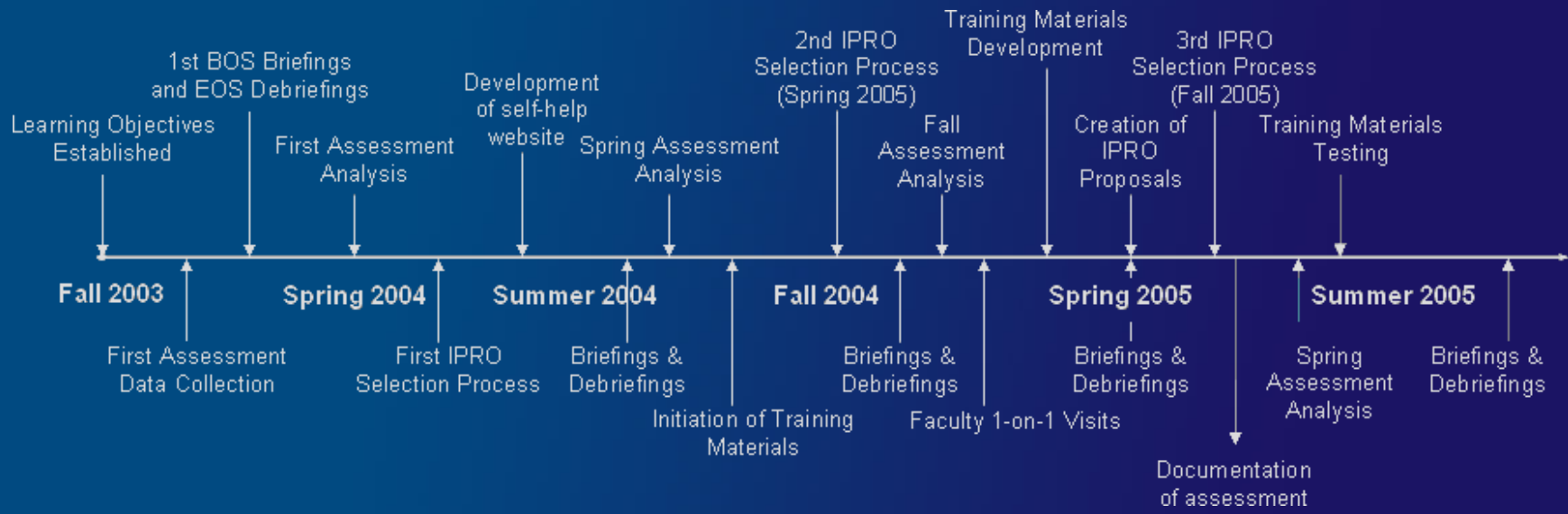


Problem

IPRO Program needs improvement



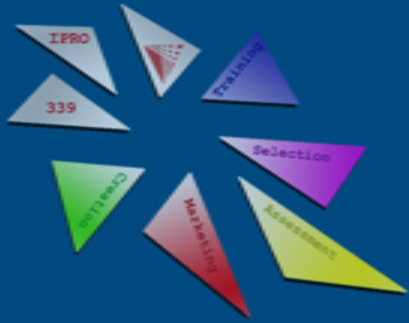
Timeline





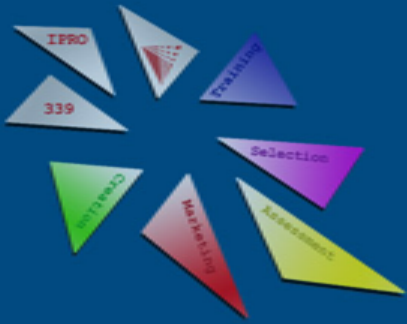
Subteams

- Assessment
- Training
- Creation
- Selection
- Marketing



Assessment Goals

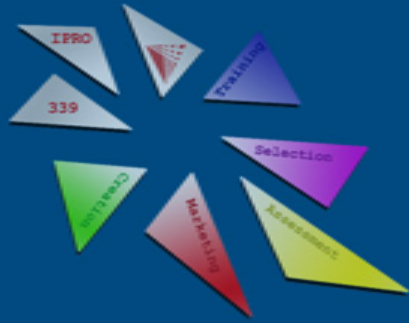
Gather data for the continuous evaluation, assessment, and improvement of the IPRO program



Assessment Solutions

- Briefings – introduction to the IPRO Program resources, survey to collect data (week 2-3)
- Debriefings – survey and facilitated discussion about experiences (week 16-17)





Assessment Results

Changes made to the debriefing process this semester:

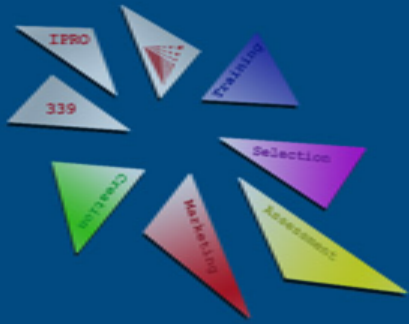
- Debriefings used to be done by students from IPRO 339
- Will be using graduate students for:
 - Delivery of information
 - Facilitators
- Students will respond better to older, more experienced presenters, which results in better data collection



Assessment Results

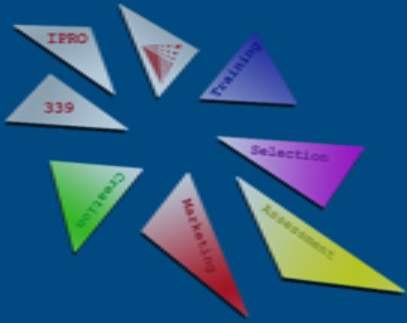
Briefing and debriefing processes documentation:

ID	Task Name	Start	Finish	Duration	31 Jul 2005							7 Aug 2005							14 Aug 2005						
					31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Draft briefing schedule	8/1/2005	8/1/2005	1d																					
2	Obtain list of all IPRO teams, professors, when, and where the group meets	8/8/2005	8/12/2005	5d																					
3	Faculty briefing	8/15/2005	8/19/2005	5d																					
4	Get PRS web master to assign user names and passwords for all members of IPRO teams	8/15/2005	8/19/2005	5d																					
5	Send PRS user names and passwords to professors from IPRO program office	8/15/2005	8/15/2005	1d																					
6	Obtain briefing masters	8/15/2005	8/15/2005	1d																					
7	Revise briefing masters if needed.	8/16/2005	8/19/2005	4d																					
8	Print briefing materials	8/19/2005	8/19/2005	1d																					
9	Overall briefing	8/15/2005	8/15/2005	1d																					
10	Send professors their briefing schedule (time, place)	8/22/2005	8/22/2005	1d																					



Training Goals

Develop a training program to teach students the skills needed for a successful IPRO experience



Training Solutions

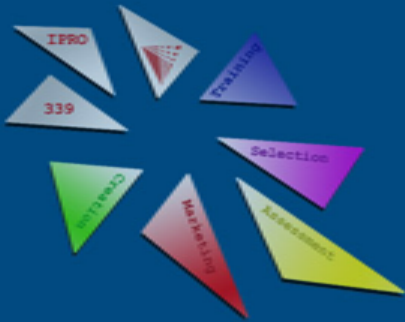
Train students in four knowledge areas:

- Project Management
- Teamwork
- Communication
- Ethics



Training Solutions

- Extensive research of each topic
- Approval from tenured faculty members in each knowledge area
- Research of possible ways to deliver the material



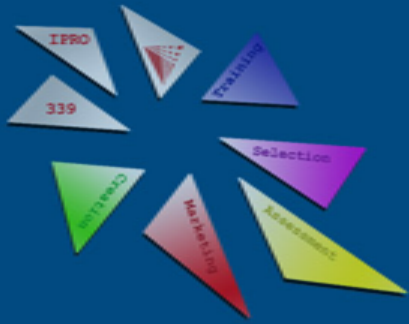
Pilot Training Program

	Process 1	Process 2	Process 3
Facilitated Discussion	Every 3rd week on one of three case studies per body of knowledge. Takes place in each classroom.	At the end of each 5 week session per body of knowledge. Large PRO facilitated discussion.	No facilitated discussion involved.
Case Studies	To be completed weekly corresponding to the weekly reading. Will be made available online.	One per learning objective.	No case studies involved.
Body of Knowledge	Available online and divided into weekly segments. Will include suggested readings and links to other resources.	Available online.	Available online: one lesson a week and three lesson per learning objective
Tests/Quizzes	Pass fail check point quizzes throughout readings consisting of roughly 5 questions. Pass fail test at the end of each learning objective.	Pass Fail test after each facilitated discussion.	Weighted quizzes per lesson, and tests at the end of each body of knowledge
Essays	Chose one of three case studies to write up and bring to discussion. To be graded by grad students, TA's or faculty	One page write up of one case study, to be graded by future IPRO 339 members.	No essays involved.
Costs	Must hire 12-15 TA's to grade studies must have online medium that can administer pass fail tests and quizzes.	No outside people need to be hired, no need for online software with test implementing capabilities.	Very cheap - no grading involved, or need for software with online test implementing capabilities.



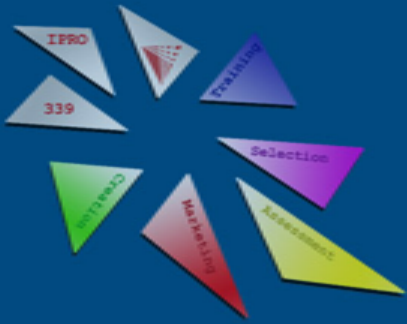
Training Results

Software	Pros	Cons	Cost	Usability
Yahoo groups	<ul style="list-style-type: none"> Ability to post documents File storage Bulletin boards Great for intra-group communication 	<ul style="list-style-type: none"> Advertisements Preferred groups sized should be no more than 30 people 	Free	Very easy
Blackboard	<ul style="list-style-type: none"> No advertisements Ability to chat Great for communication purposes 	<ul style="list-style-type: none"> Lack of privacy No learning tools, just posting options Data security issues 	IIT already owns it	Somewhat difficult
Macromedia	<ul style="list-style-type: none"> Ability to format and present material in the most effective fashion for our learning objectives Preset template for creating tests and quizzes that can automatically enforce pass/fail criteria Ability to implement PP presentations and other forms of media 	<ul style="list-style-type: none"> No chatting capabilities No bulletin boards 	\$3,000	Very easy, students have option to attend seminar to learn how to use



Example: Ethics

- Created new body of knowledge with the help of Prof. Ladenson
- Developed nine case studies to test students' understanding of material



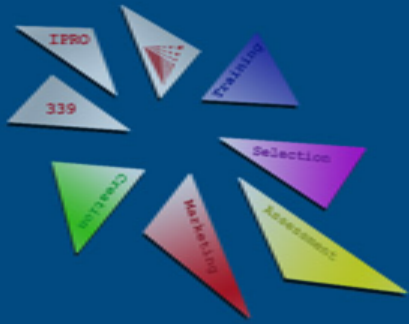
Example: Ethics

- Assigned readings and questions
- Students read assigned areas of the Body of Knowledge
- Students read case studies and answer questions
- These answers are submitted for grading



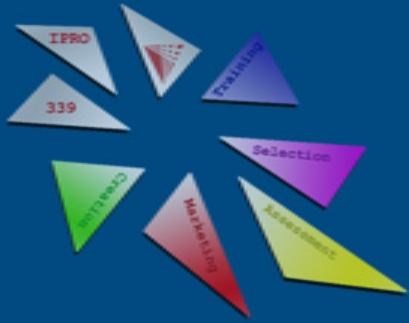
Example: Ethics

- Group discussions
- Discussions facilitate questions and help students understand the material better
- Students bring a case study for group discussion
- Cases are analyzed as a group and students discuss ethical issues openly



Creation Goals

- Create IPRO proposals from within 339
- Develop a system for students to create their own proposals
- Encourage faculty members from certain departments to participate more in the IPRO program



Creation Results

339 created IPRO proposals

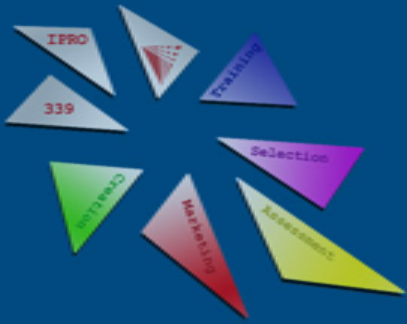
- International IPROs
- RFID, an IPASS like Devices for fast food restaurants
- Obesity at IIT



Creation Results

Student proposed IPRO initiative

- Developed guidelines for student proposals
- Created a website with all the materials students need to come to propose their IPRO idea
- Students responded positively
- Next year we hope to push this initiative more

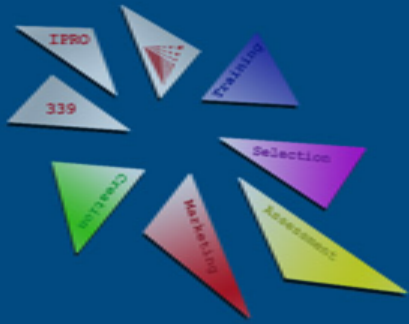


Creation Results

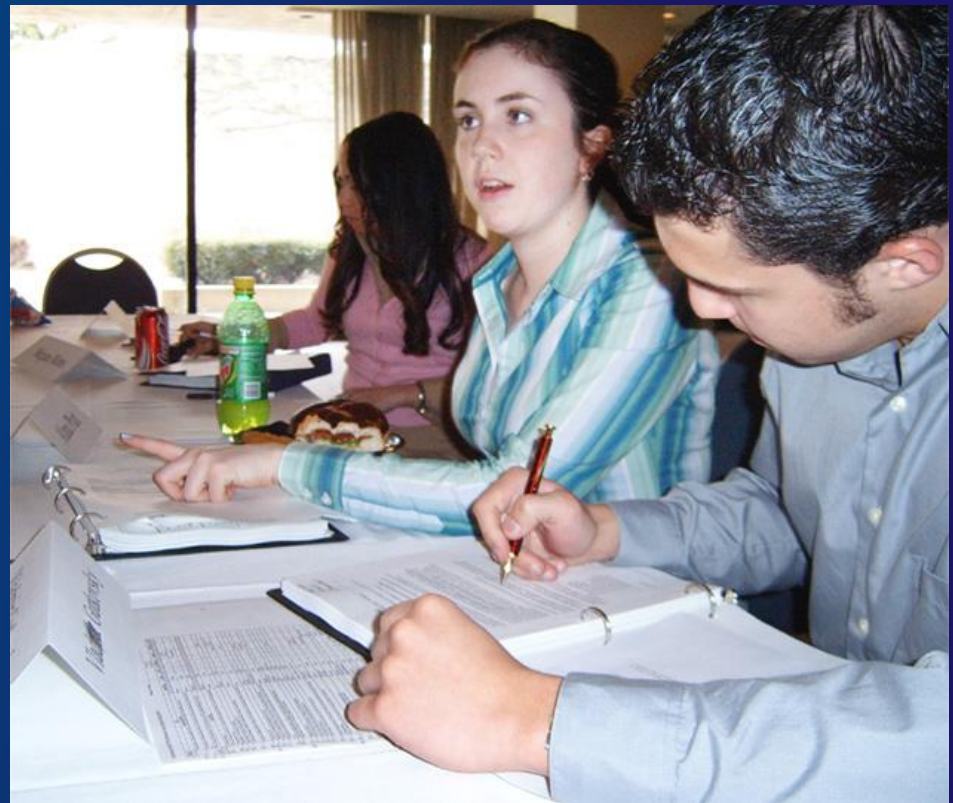
Identifying barriers to faculty proposals

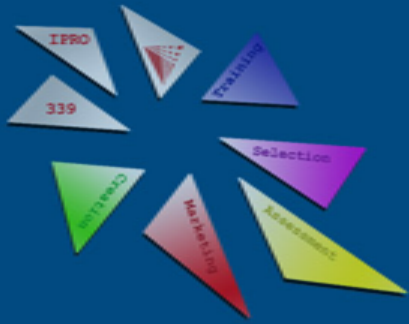


Selection Results



How a proposal
becomes an IPRO





Pilot Subteam: Marketing

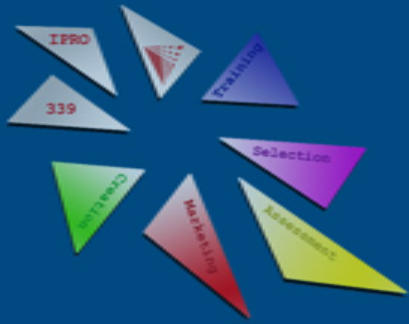
- Defined 9 target areas of the IPRO Program website during strategy sessions
- Created 6 powerful case studies for the website
- Informed the IIT community throughout the semester and advertised IPRO day



Subteams Merging

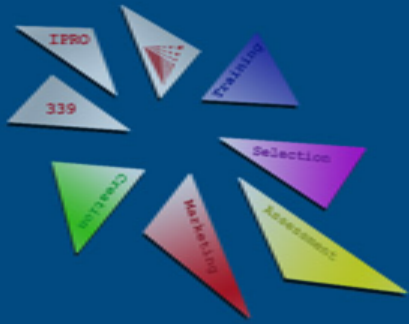
Merging Creation/Selection with Marketing

- Increase team productivity
- Tasks are closely related
- Improve the subteam in future semesters



Future Work

- Merging of creation/selection with marketing
- Assessment shall continue to collect data for improvement of the IPRO program
- Training will implement pilot program for summer and fall semesters



Team Members

Timothy Britt

Jake Crulcich

Megan Mims

Alana Platt

Sonia Vajaria

Levi Citrin

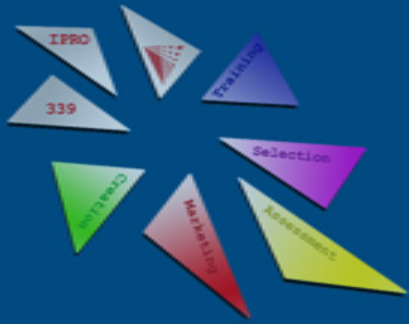
Vlad Gutkovsky

Natalie Orrison

Victoria Strokova

Rachel Wasserman

Nicholas Williams



Acknowledgements

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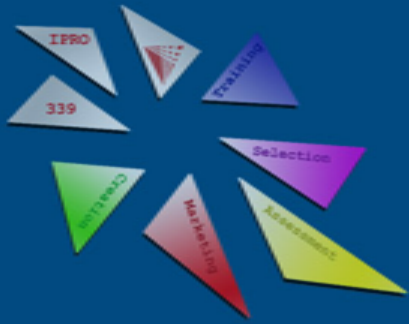
Prof. Ellen Woods

Prof. Chris Conley

Prof. Robert Ladenson

Prof. Glenn Broadhead

Mr. Tom Jacobius



Thank you!

Are there any
questions?