

# **IPRO 355 PROJECT PLAN**

## **Fall 2006**

### **Objective**

The main objective of the IPRO is to improve health conditions in low-income societies, specifically Mexico, by the design and implementation of a water filtration system. In previous semesters, the filtration system has been designed and tested. A pilot study will be conducted in Mexico in the coming months. The main objective for this semester is to develop a business plan for the IPRO in order to implement the broad distribution of the water filter.

### **Background**

Low-income countries around the world have the problem of water pollution. This issue is of particular importance because of the health risks involved. Although there are already several companies providing water purification services to these parts of the world, the demand still exceeds the need because of the difficulties involved in the introduction phase of these systems to affected communities and the high cost and high maintenance of most filtration systems. The IPRO, which will be developed into "KlarAqua", a non-profit organization, will be focusing on Mexican rural communities, specifically, San Luis Potosi, as the first test situation for the filter with hopes of expanding to other low-income communities in the future.

### **Methodology**

The IPRO team will be divided into two groups to allow for specialization: the lab group and the business group. The lab group will be conducting final tests on a bacteria, pseudomonas and producing several filtration units for the pilot test. The business group will be creating a business plan for KlarAqua, establishing contacts with other NPOs and trying to gain partnerships through networking.

### **Expected Results**

The IPRO expects to finalize a full-scale business plan in order to make at least one major partnership that would make it financially and logistically feasible to implement the KlarAqua water filtration system in the Mexican community.

**IPRO 355 SCHEDULE**  
**Fall 2006**

<b>Date</b>	<b>Event</b>
Sept 5	Set up iknow and igroup accounts
Aug 29	General IPRO briefing and division into lab and business groups
Sept 5	First draft of Executive Summary and Vision statement
Sept 7	Design business cards and shirts
Oct 3	Develop User Manuals for filtration and potter, test on students
Oct 30	Business Plan
Nov 8	Website
Oct 15	Brochures
Nov 25	Partnership
Nov 8	Legal entity
Nov 8	Patent
Oct 30	Effectiveness against bacteria Lifespan of silver effectiveness Flowrate

**IPRO 355 TASK ASSIGNMENT**  
**Fall 2006**

Task	Name
Abstract	Laura
Comprehensive Deliverables	Laura
Final Poster	Samantha
Final Report	Brandon
Midterm Progress Report	Kit
Project Plan	Samantha
Brochure	Sam
Professional Exhibit	Amanda
Team Information	Laura
Website	Petre
Lab testing	Laura
Unit Creation	Amanda and Shea
Executive Summary	Brandon