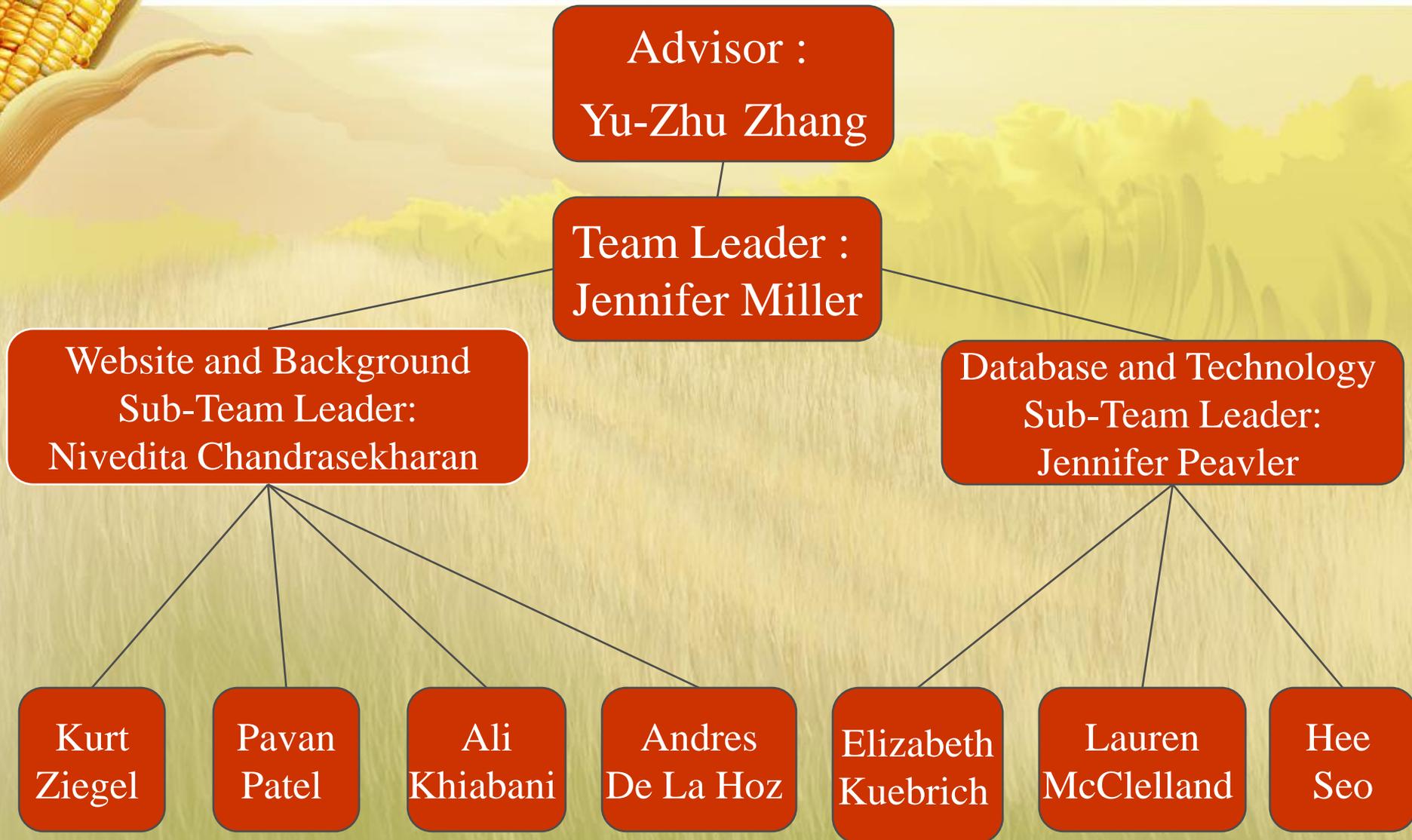


*IPRO 318: Food Safety, Genetically-  
Modified Crops and Protein Engineering*

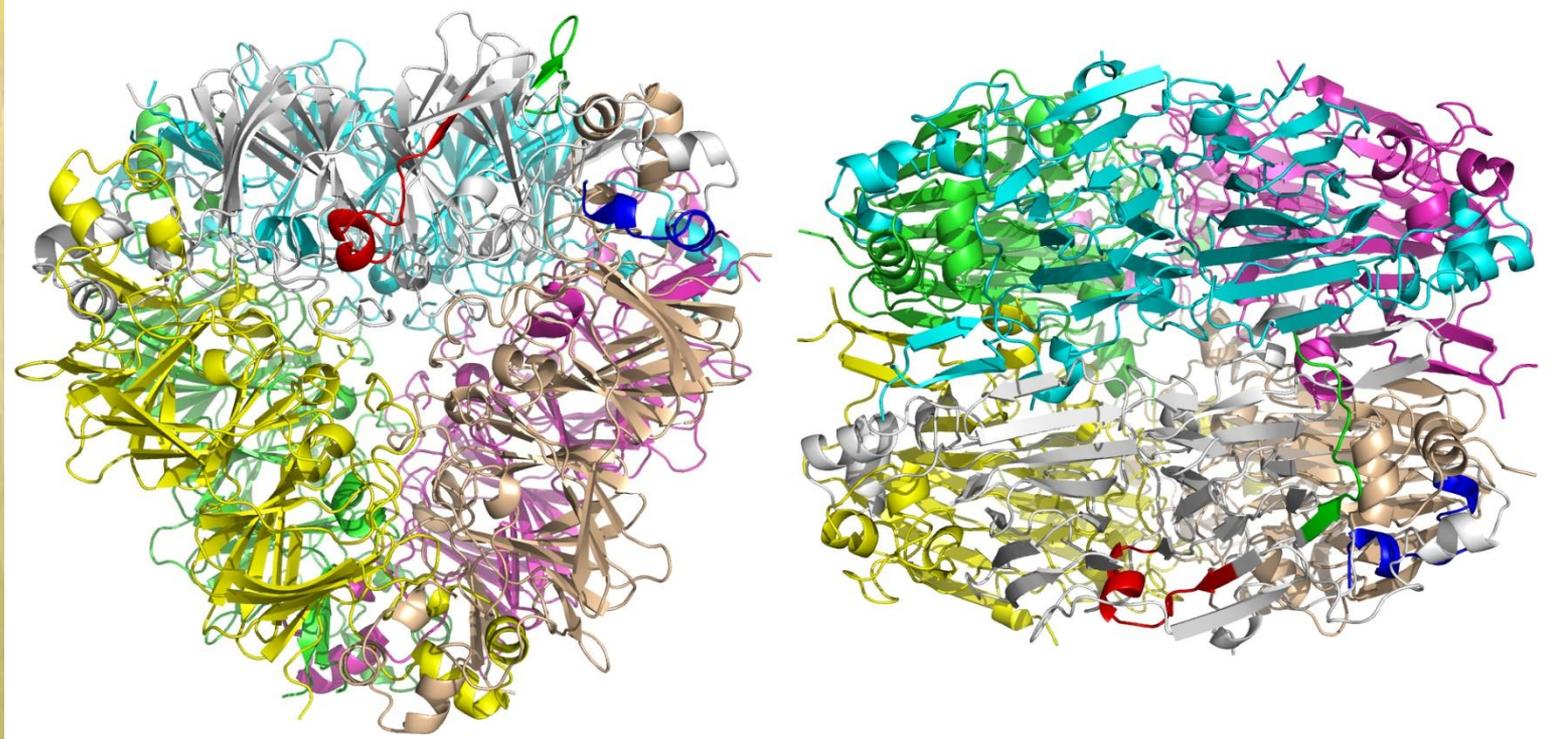


# Team Organization



# Future goal

- Reduce the allergenic nature of peanuts
- generate allergen-free peanut





# Project Goals

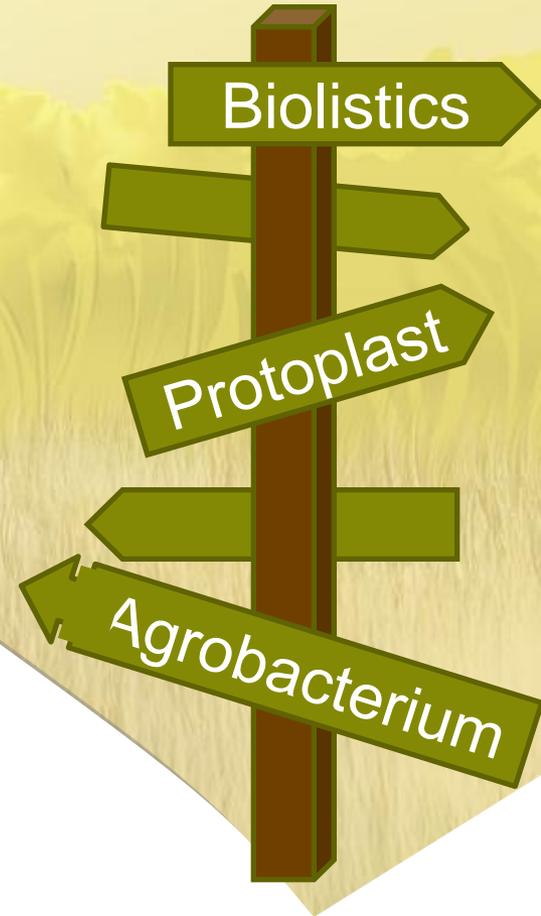
- **To conduct collective research**
- **To create collective list of crops that have been engineered**
- **To organize this information into a user friendly webpage**
- **To review available technologies used to genetically modify plants.**



# WHAT'S THE PROBLEM?

- **Overwhelming amounts of information**
- **Much of this information is presented with biased overtones**

General community may not understand many of the scientific terms



# PROGRESS MADE

- 
- **The team has established sub-teams to tackle research**
  - **The background, risks, benefits, and technology used during genetic modification of crops has been researched within the sub-teams**
  - **A collective list of crops that have been modified has been created**
  - **A prototype web page has been created**

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## IPRO 318 Genetically Modified Crops

Crop:

Country of Origin:

Technology:

Major Companies:



IPRO 318 Spring 2008

# Crops



# MAJOR OBSTACLES

- **Too much information on web**
- **Biased information, not many neutral sites**
- **Creation of web page**



# WHAT LIES AHEAD?

- **To compile and filter the information the team has collected during research**
- **To digest the methodologies used for crop modification**
- **Webpage completion and maintenance**
- **To create, distribute, analyze and accommodate the information collected from surveys**



# **Future Goals**

## **(Continuation of this IPRO)**

- **To create a easy to use database of known allergens**
- **To explore peanut protein engineering and crop modification.**
- **To utilize the information collected this semester to modify the property of peanut allergens by protein engineering**

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*Questions*

