Present: Lan Hao, Sunny Liu, Esmeralda Medrano, Kay Nguyen, Sylvia Smith, Eleanor Tsark

• Reports
  o Introduction of the new staff on the team
  o Lan updates
    ▪ The expected evaluation outcomes
    ▪ The evaluation activities
    ▪ The theoretical framework
  o Sylvia updates
    ▪ Answered the questions from the IR office and from Esme and Eleanor
  o Esmeralda updates
    ▪ Potential projects such as
      • Students who have used Success Center, what are their success-rates?
      • Students who studied in Math Center, what are their success-rates by course for Fall 2008, Winter 2009, and Spring 2009?
      • Further, Is the hours the students used the center related to their grades?
  o Eleanor updates
    ▪ Has started data collection on the students who used STEM center and will hand the data to IR for further data analysis

• Further needed information
  o Ask TeCS for access to CI-Tracker, and where the data is stored
  o Ask TeCS if they have student id for the students who were on “Non-credit” registration (PAGE program)
Three Major Reasons Contributing to Latino Underrepresentation in STEM Careers*

*From STEM Professions: Opportunities and Challenges for Latinos in science, Technology, Engineering, and Mathematics: A Review of the Literature (Thomas Rivera Policy Institute, 2008)
Main Goals:

1. Establishing baseline data
2. Developing a tracking system and feedback loop
3. Conducting formative and summative evaluations

Sub-steps:

Goal 1: Establishing baseline data

- Establishing the Pathway database (baseline data established fall 2008, where?)
- Data elements: P. 31
  - Two control cohorts:
    - Control cohort #1: randomly-chosen senior-in-high-school students with the same high school representation as Pathway Cohort #1
    - Control cohort #2: randomly-chosen first-time freshmen with transfer intent who meet Pathway requirements and enroll at Citrus in the same year as Pathway Cohort #1

Goal 2: Developing a tracking system and feedback loop

- Tracking system: Pilot-tested Dec 2008, where are the results?

Goal 3: Conducting formative and summative evaluations

- Data Collection: Both quantitative and qualitative

Outreach Programs:

Network
Ambassadors
Parent Night
Open House
STEM Week
PAGE/GATE

PATHWAY:

New Degrees in Physics & Chemistry
Success Center
Technology Update
Articulation
Learning Community
Tutoring
Partners
Science Equipment
CTE
Power Math
Transfer Coaches

- Data Analysis: multiple methods to identify the relationship between variables