

# Central Indiana STEM Talent Expansion Program

## External Advisory Board

Monday, December 5, 2011

Present: Cindy Munerol, Rick Markoff, Lisa Ncube, Kathy Marrs, Charlie Feldhaus, Andy Gavrin, Howard Mzumara, Victor Roeske, Jeff Watt, John Haddock & Mariah Judd

The website: <http://www.math.iupui.edu/~jwatt/step/>

STEM Talent Expansion Program (CI-STEP) Website is for internal users. Mariah Judd will be creating a website that will be for public use.

- Note: When accessing the website it is suggested you use Mozilla or Firefox. The website may look askew using Internet Explorer.

This meeting entails updates on what has been accomplished in the last year and to seek advice on what to do better or change for the future.

- I. Charlie Feldhaus presented a brief overview on the previous CI-STEP meeting held on 12/1/2010. The minutes from this meeting can be found on the CI-STEP website. The overview included the group brainstorm and SWOT analysis.
- II. Jeff Watt discussed the current progress that has been made with the CI-STEP grant. The PowerPoint on these programs are located on the CI-STEP website.
- III. Dissemination was discussed by Kathy Marrs and a handout was given listing all presentations and meetings the grant committee have attended or presented.
  - a. Proposal sent to The Moore's Symposium will allow us to share what programs we have and how things are done, March 2012
  - b. 2012 Assessment Institute in 2012 hopes to present at this conference in Indianapolis
- IV. Below are key points or question that were raised in the meeting:
  - a. Suggestion: to keep two sets or data on the degrees that were not included also continue to be aware of will any of the current listed degrees transfer to a new department which will affect the total numbers. (John)
  - b. Question: is there a connection between Ivy Tech and Willow? (Victor Roeske)
  - c. Question: is there a certain threshold of the level of courses, i.e. 100 or 200 level courses (Victor Roeske)
  - d. reach out to College of Arts & Science (Victor Roeske and All)
  - e. Question: is there a desire within the grant to enhance the number of STEM graduates by developing dual majors in Art & Biology or STEAM. Beyond STEM...to grow graduates (Rick Markoff)

- f. Suggestion: Graphic representation of our work is listed in the grant proposal (Rick Markoff)
  - g. Suggestion: working closely with other STEP grant recipients to help use one another materials to create success. "Claim the interaction between grant recipients" (John)
  - h. Update on "numeracy" by Victor Roeske; use professional, social, and community connections. Creation of pedagogy workshops at Ivy Tech to help put students in a better position to achieve.
- V. Final comments
- a. What can be sustained?
  - b. New STEM center – can this project take credit for this founding of this institute?
  - c. How often do you meet as a group?
  - d. How much student contact?
  - e. How are you working with students?
  - f. Are the students affected aware of the funding?
  - g. Are you on track with spending (do not underspend)?
  - h. How are you collaborating with others?
  - i. How well do the students, faculty, and public know about the CI-STEP grant?