

FITW Advisory Board Meeting Minutes

December 9, 2016, 11am

Attendees: Laura Sullivan Green, Pat Backer, Paul Cassandra, Alison Baski, Nina Abramzon, Emily Allen, Benhem Bahr and Scott Bowman

1. Welcome and Introduction of new members
2. Project and Personnel Changes
 - a. Temporary SJSU Lead Pat Backer for Spring 2017
3. Budget Status
 - a. New Budget approved by ED in October to reflect new salaries and dropping of Pre-Calculus from roster.
 - b. Budgets are on track, WestEd has modified theirs to reflect a shift in workload and for Shandy Hauk to replace Ted Britton as the PI.
4. Year 1 Activities Update
 - a. 2 Presentations this fall
 - i. October- 22nd Annual CELT conference at CSU-Chico, plenary presentation and accompanying workshop
 - ii. November- Poster Presentation at AAC&U in Boston
 - b. Upcoming Presentations
 - i. ASEE Presentation- June in Columbus
 - ii. 2 Pending abstracts at WSCUC in San Diego in April
 - c. Physics and Calculus are currently being implemented.
 - i. Working with faculty at various levels, depending on their comfort and familiarity with FCM.

1. Calculus has had strong group dynamics, collaborative development, and 2/3 reporting satisfactory implementation.
2. Physics has had some struggles, working more in parallel than in tandem, but CSULA and SJSU have implemented this fall, CPP will implement in Winter and Spring quarters.

5. Follow-Up Discussion: Recruiting Faculty for Training

- a. Two-tier training program. Faculty will participate in training for \$250 (35 faculty/year) and, upon completion of training, will be eligible to apply for paid time in Year 4 to implement the methods.

- i. 10 days of summer pay for 15 faculty (7 in Year 3, 8 in Year 4)
- ii. Expectation is the sharing of the developed content upon completion.

- b. Training will likely be a 1-day workshop, with follow up in FLCs.

**Particularly within math, as we are discussing a recruitment for the Calculus I study in Year 3. These faculty may be asked to “participate” in the study in year 3, but not be trained in Flipped Classroom until Year 4.

6. Year 3 Calculus Study

- a. Identified greatest challenge is the timing of the Year 3 Calculus Study. CPP’s switch in Fall 2018 to Semesters is affecting the ability to collect consistent data. (Year 3-Spring 2018, Fall 2018; Year 4 Spring 2019, Fall 2019. Grant end date September 30, 2019.)

- i. Constraints:

1. Don’t want to mix semesters and quarters for data.
2. Initial design of study had follow up of students’ successes in subsequent classes, but if we push to Fall 2018/Spring

2019, we won't have the ability to do any follow-up before grant ends.

3. Not ideal to collect data in first semester teaching semesters due to the adjustment, but won't have a choice.

ii. Solutions:

1. Asking for a no-cost extension. (not likely to be approved at this point, political climate makes this questionable, also).
2. Completely omitting CPP from the study.
3. Collecting only 1 semester's worth of data from CPP.
4. Starting SJSU, CSULA in Spring 2018, and have the time to do the follow-up with them, but stagger CPP to start in Fall 2019. Will reduce follow-up data available for CPP for final report on grant, but will get the study in and have Fall/Spring data for both schools.
5. Eliminate stagger of CPP and start in F18.

7. Other Discussion and Feedback

- a. Will be meeting with WestEd and Methodologist
- b. Training will be staggered, part of FLC
 - i. Must attend training to be able to submit proposal
- c. CPP will have more sections which will help data with more faculty
 - i. 30-33 students in Calculus classes
- d. Captioning software/ resources vary by campus/ compliance is increasing
- e. Stipends will only be awarded for the Two-tier training program
- f. Will be creating training for Summer 17

g. Discussion of lesson plans vs. videos