Biology FEST:
Faculty Explorations in Scientific Teaching

HHMI Biology FEST Recharge Meeting:
Poster Session & Video Sharing
Wednesday, January 22nd
12:00 pm - 3 pm

HHMI Biology FEST Summer Institute Alumni

SEPAL
The Science Education Partnership & Assessment Laboratory
San Francisco State University
Biology FEST: Faculty Explorations in Scientific Teaching

Goals for today…

• Reflect on our Fall 2013 teaching innovations
• Share innovations and evidence with colleagues
• Look for teaching innovations used by colleagues to use ourselves
• Share plans for Spring 2014 teaching innovations and request supplies and support
• OPTIONAL: social and snack time afterwards…
Discuss at your table:

1) Share one STORY from what you did over Winter Break...

2) Share one SUCCESS from your Fall teaching...

3) Share one STRUGGLE from your Fall teaching...
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Videos Excerpts from Teaching Square Participants

Teaching Square participants were asked to videotape themselves teaching at some point during the fall, and then watch their video!

In preparation for this workshop, they have each identified one or more excerpts that they found particularly insightful and to share with colleagues.
1. Hear from your colleagues what they learned from reviewing their own videotape. 1-2 folks at each table...

2. View one or more clips from each person’s classroom...
A Quick Biology Break...

Be back in 10 minutes!

At 1:25 pm!
What will we see on posters?

Participants were asked to showcase example(s) of which they’re most proud on how they translated Scientific Teaching in their classrooms, including examples of student work, assessments, or other evidence/data.

Try to visit at least 4-5 posters and consider:

Which Scientific Teaching strategies from the posters could be most helpful in enhancing student learning in your own classroom, and how would you adapt those strategies?

What kinds of evidence on student learning do you see on posters or hear about from presenters?

*Please place belongings around perimeter so we can change seating*
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Write and then discuss as a PAIR:

1) What were the top 5 teaching innovations you heard about from colleagues at the poster session?

2) What kinds of evidence did our colleagues collect about the impact of new teaching approaches?
Looking forwards:

• In Spring 2014, I plan to work on the following aspects of my teaching...

• The resources or support I need from HHMI Biology FEST for Spring 2014 are...
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Where we are in our Biology FEST plan...

- **Spring Term**:
  - Scientific Teaching: *Monthly Workshop Series* (drop-in, introductory)
  - Scientific Teaching: *Weeklong Summer Institute* (intensive, advanced)

- **Summer Term**:
  - Teaching Squares
  - Classroom Partnerships
  - Luncheon Workshops

- **Fall Term**:

75% of all SFSU Biology Faculty
On the Nature of Classroom Evidence

– What kinds of classroom evidence about student learning did you see on the posters?

– What kinds of evidence did you not see on the posters that you would really like to see?

– How would you go about collecting this kind of evidence in your own classroom?