Biology FEST: Faculty Explorations in Scientific Teaching

Biology FEST Luncheon Workshop #4
Tuesday, May 7th
12:30-2 pm
Sharing Strategies to Promote Student Engagement
Goals for today…

• Continue building a community in our biology department focused on exploring scientific teaching

• Sharing strategies to promote student engagement during class time.
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Introductions and
Considering our Collective Ideas

Share at your table:

1. Your name...

2. What, if anything, surprises you about the registration data on how our community is thinking about student engagement?
Scientific Teaching Framework

Active Learning

Equity and Diversity

Assessment

Collecting Classroom Evidence
Discussion: *Sharing Strategies*

Think about your experiences visiting other SFSU biology classrooms. In your experiences...

What does a LACK of student engagement look like?

What does the PRESENCE of student engagement look like?
**Student Engagement Big Ideas:**

DIFFERENT teaching strategies are likely to engage DIFFERENT students, so VARIATION in teaching strategies is important to keeping ALL students LEARNING during class time.

Student engagement is about striving for ALL students to be LEARNING during face-to-face class time.
Student Engagement *Big Ideas*:

DIFFERENT teaching strategies are likely to engage DIFFERENT students, so VARIATION in teaching strategies is important to keeping ALL students LEARNING during class time.

Promoting student engagement is about avoiding INSTRUCTIONAL SELECTION.
Activity: *Sharing Strategies*

With each of two groups, you will spend ~15 minutes sharing engagement strategies.

**Group A:** Engagement through Social Media

**Group B:** Public Policy and Science

**Group C:** Science as Social Justice

**Group D:** WILD CARD!
Report Out: *Sharing Strategies*

What were three specific ideas/strategies that resonated with folks in your groups?

**Group A:** Engagement through Social Media

**Group B:** Public Policy and Science

**Group C:** Science as Social Justice

**Group D:** WILD CARD!
Looking Forward & Next Steps

Biology FEST Luncheon Workshops
Tuesdays, 12:30-2 pm, Fall 2013

• Biology Education Research Journal Clubs
• Examining Departmental Assessment Evidence
• Presentations from Teaching Squares and Classroom Partnership Participants

...invitation and rsvp links will arrive in your email inbox...

Note: n=32 of us will gather for the inaugural HHMI Biology FEST Summer Institute, June 10-14, 2013!
Reflection and Assessment

What are the three most important things you learned during your time with the HHMI Biology FEST Community today?

This is anonymous!
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Strategies to address our goals…

2. Provide multiple ways to participate…

- **Spring Term**
  - Scientific Teaching: *Monthly Workshop Series* (drop-in, introductory)

- **Summer Term**
  - Scientific Teaching: *Weeklong Summer Institute* (intensive, advanced)

- **Fall Term**
  - Teaching Squares
  - Classroom Partnerships
  - Luncheon Workshops