



Carl Wieman Science Education Initiative End-of-Year Event

Wednesday, April 29, 2009

Irving K. Barber Learning Centre, 1961 EAST MALL

All are welcome

9:00am – 11:00am	room 182	Talks <ul style="list-style-type: none">– Overview of CWSEI, Carl Wieman– Adventures in Problem-Based Classroom Learning, Kimberly Voll, Computer Science– Large Scale Measurements of Student Conceptual Learning and Attitudes, Doug Bonn, Physics and Astronomy
11:00am – 1:30pm	room 261	Poster session <p>Faculty and Science Teaching & Learning Fellows have put together about 40 posters on what's happening in the Earth & Ocean Sciences, Physics & Astronomy, Computer Science, Life Sciences, Chemistry, Statistics, and Mathematics CWSEI programs. These present ways to implement: teaching strategies that engage students with the material, measuring conceptual understanding, TA development, improving students' ability to apply learning to novel situations, and many other educational improvements.</p> <p>refreshments provided</p>

Afternoon Workshops and Discussion Session

see www.cwsei.ubc.ca/eoy for more detailed descriptions

1:30 – 3:00pm, room 260 – Workshop

Using Clickers Effectively (led by Sara Harris, Earth & Ocean Sciences)

This workshop will give you practical experience in how to use clickers effectively in science classrooms.

3:00 – 4:30pm, room 260 – Workshop

Invention Activities: Stimulating Students to Transfer Their Learning to Novel Situations

(led by Doug Bonn, Physics & Astronomy, and George Spiegelman, Microbiology & Immunology)

Activities in which students are asked to invent mechanisms, or methods of analysis, can enhance transfer. We describe examples from our departments and participants can create such activities for their courses.

3:00 – 4:00pm, room 261 – Discussion

Improving Learning by Reducing Unnecessary Demands on Working Memory

(led by Carl Wieman) A discussion on the limits of working memory and implications for teaching.

No sign-up required, contact Hiroko Blazevec for more information (hiroko.blazevec@ubc.ca, 604-827-3119)

www.cwsei.ubc.ca