

## 2010 CWSEI End-of-Year Poster Session

### Poster session I: 11am-12pm (Display board #s indicated next to titles)

#### **Preparing students for learning through invention activities - #3**

PHAS: James Day, Ido Roll, Natasha Holmes, and Doug Bonn

#### **Student framing and real-world connections in physics tutorials - #26**

PHAS: Sandy Martinuk

#### **Development of a course-specific skills and content survey - #26**

PHAS: Sandy Martinuk

#### **Evaluation of students' realization of laboratory learning goals associate w/ an acid/base buffer experiment in a large, introductory undergrad. lab - #27**

CHEM: Ainge Chang

#### **Attainment of Learning Goals associated with an Electrochemistry Experiment in a Large, Introductory Chemistry Laboratory Course - #27**

CHEM: Aalia Sachedina

#### **APSC 160: Student perceptions of online multimedia instruction with JiTT - #5**

CPSC: Paul Carter

#### **Workshop-Based Learning – Retention and Learning in Data Structures and Algorithms (CPSC 221)- #7**

CPSC: Kim Voll

#### **Intellectual Property – Ethical Perceptions of Students Today - #7**

CPSC: Kim Voll and Andre Malan

#### **Circuits & Logic in the Lab: Toward a coherent picture of computation - #8**

CPSC: Elizabeth Patitsas, Kim Voll

#### **CPSC 210: a study of student engagement in a course project through the development of cell phone applications - #21**

CPSC: Meghan Allen

#### **Invention Activities in First Year Biology - #22**

LS: Jared Taylor

#### **Teaching and Learning in the Earth and Ocean Sciences: Adding Geoscience Education to the Graduate Student Curriculum at UBC - #9**

EOS: Rebecca Taylor and Brett Gilley

#### **EOSC 210: Introduction to Earth Science for Engineers - #10**

EOS: Erik Eberhardt and Brett Gilley

#### **EOSC 355: Continuing development of in-class activities in an upper level science elective - #11**

EOS: Francis Jones and Catherine Johnson

#### **EOSC 212: Promoting and measuring scientific thinking; progress and challenges - #12**

EOS: Francis Jones

#### **Impacts on students, instructors and departments of multiple instructors teaching in single courses – #13**

EOS: Francis Jones and Sara Harris

#### **Student self-reported workloads comparisons - #15**

EOS: Sara Harris

#### **EOS-SEI Summary - #15**

EOS: Sara Harris

#### **EOSC 322: What we've learned - #23**

EOS: Greg Dipple, Erin Lane, and Catherine Lucas

#### **Survey of Hiring Practices in Geoscience Industries – #24**

EOS: Kerry Ko and Francis Jones

### Poster Session II: 12:30-1:30pm (Display board #indicated next to titles)

#### **A demonstration of the superiority of active learning -#1**

PHAS: Louis Deslauriers and Ellen Schelew

#### **Using Invention Tasks to Help Students Become Better Scientists - #2**

PHAS: Natasha Holmes, Ido Roll, Doug Bonn, and James Day

#### **Learning how students learn: coming full circle - #2**

PHAS: Ido Roll

#### **Transforming Introductory Astronomy: from Learning Goals to Instruction and Assessment - #25**

PHAS: Peter Newbury, Harvey Richer, Brett Gladman, and Ludo Van Waerbeke

#### **Physics & Astronomy Teacher Assistant Professional Development- #25**

PHAS: Mac Clements, Natasha Holmes, Sandy Martinuk

#### **180/4 workshops - #4**

MATH: Warren Code, Costanza Piccolo

#### **CPSC 304: Course Transformation - #6**

CPSC: Ed Knorr, Rachel Pottinger, and Benjamin Yu

#### **Two Stage Exams, Turning Exams into a Learning Experience - #16**

CPSC: George Tsiknis, Megan Allen, Benjamin Yu

#### **Student Grade Expectations - #16**

CPSC: Benjamin Yu, Paul Carter

#### **Adaptation of JiTT in CPSC 121 - #21**

CPSC: Steve Wolfman

#### **Differences in Student Attitudes towards Biology - First Year vs. Third Year - #22**

LS: Malin Hansen and Gulnur Birol

#### **Identifying Landscapes and Their Formation Timescales: Comparing Knowledge and Confidence of Beginner and Advanced Geoscience Undergraduate Students - #14**

EOS: Alison Jolley

#### **EOSC 211: Transformations and results - #17**

EOS: Rich Pawlowicz and Joshua Caulkins

#### **Exit Survey of Graduating EOS Students: Goals and Results - #17**

EOS: Joshua Caulkins

#### **EOSC 223: Development and Implementation of an in-field assessment protocol for an introductory geologic field course - #18**

EOS: Mary Lou Bevier and Joshua Caulkins

#### **Poster about student engagement observation method - #19**

EOS: Erin Lane

#### **Poster about student engagement and pedagogy - #20**

EOS: Erin Lane

#### **SAESS new exciting data - #23**

EOS: Erin Lane

#### **EOSC 112: pre-post concept test results - #25**

EOS: Erin Lane