

Chance Hoellwarth

Physics Department; Cal Poly; San Luis Obispo, Ca (805) 756-1665

Educational Preparation

UNIVERSITY OF CALIFORNIA, DAVIS

Ph.D. Physics June 1997

M.S. Physics March 1994

CALIFORNIA POLYTECHNIC STATE UNIVERSITY, SAN LUIS OBISPO.

B.S. Physics-June 1991

SAN JOAQUIN DELTA COLLEGE, STOCKTON, CA

Attended 9/1986-6/1988

Employment

CALIFORNIA POLYTECHNIC STATE UNIVERSITY, SAN LUIS OBISPO

Associate Professor 9/05-present

Assistant Professor 9/01-9/05

Lecturer 9/07-9/01

UNIVERSITY OF CALIFORNIA – DAVIS

Visiting Research Assistant - Summer '98, '99, and '00

NAPA VALLEY COLLEGE, NAPA, CA

Lecturer 1/97-8/97

Other Activities

CO-DIRECTOR CENTER FOR EXCELLENCE IN SCIENCE AND MATHEMATICS EDUCATION

Winter 2010-present

- Promote and support activities that produce more and better-prepared math and science teachers.

SINGLE SUBJECT COORDINATOR

Fall 2010-present

- Coordinate Single Subject Credential Program

MULTIPLE SUBJECT COORDINATOR

Fall 2011-present

- Coordinate Multiple Subject Credential Program

SINGLE SUBJECT ADVISOR AND SUPERVISOR FOR PHYSICS & CHEMISTRY

Fall 2001-Summer 2004

- Advised physics and chemistry credential candidates
- Supervised student teachers

Professional Development Activities

a. Publications

THE IMPLICATIONS OF A STUDENT AND INSTRUCTOR PROOF CURRICULUM IN INTRODUCTORY MECHANICS. C.C. HOELLWARTH AND M.J. MOELTER; AM J. PHYS, 79 (5) MAY 2011.

EXPOSING STUDENTS TO THE IDEA THAT THEORIES CAN CHANGE. C.C. HOELLWARTH AND M.J. MOELTER; THE PHYSICS TEACHER, 49 MARCH 2011.

CONCEPTUAL LEARNING AND PROBLEM SOLVING ABILITY IN TRADITIONAL AND STUDIO STYLE CLASSROOMS; C.C. HOELLWARTH, M.J. MOELTER, AND R. KNIGHT; AM J. PHYS, 72 (5) MAY 2005.

b. Presentations

SUSTAINING THE TEACHER-IN-RESIDENCE. CHANCE HOELLWARTH.

Type & Meeting: Invited talk at the Winter 2011 American Association of Physics Teachers Meeting, Jacksonville, Florida.

Presenter: Chance Hoellwarth

ONCE A TIR, ALWAYS A TIR. NANCY STAUCH.

Type & Meeting: Invited talk at the Summer 2010 American Association of Physics Teachers Meeting, Portland, Oregon. Nancy was invited to give this talk, but she was bucked off her horse in the spring, so I made this presentation

Presenter: Chance Hoellwarth

MAKING A COURSE (AND LEARNING GAINS) PORTABLE: THE DAY-BY-DAY PLAN. CHANCE HOELLWARTH AND MATTHEW MOELTER.

Type & Meeting: Invited talk at the Winter 2009 Physics Teachers Education Coalition Meeting, Austin, TX. This meeting brings together 100-150 participants to discuss how physics departments can help produce more and better-prepared physics teachers.

Presenter: Chance Hoellwarth

THE MULTIPLE ROLES OF TEACHERS-IN-RESIDENCE (TIRS) AT SMALLER INSTITUTIONS. DAVID BUCK-MOYER, LEZLIE DEWATER, CHANCE HOELLWARTH, STAMATIS VOKOS, AND SHERM WILLIAMSON

Type & Meeting: Invited talk at the Winter 2009 Physics Teachers Education Coalition Meeting, Austin, TX. This meeting brings together 100-150 participants to discuss how physics departments can help produce more and better-prepared physics teachers.

Presenter: Chance Hoellwarth, David Buck-Moyer, Lezlie DeWater (SPU), and Stamatias Vokos (SPU).

PHYSICS TEACHERS AND TEACHER EDUCATORS: PARTNERS IN CHANGE. CHANCE C. HOELLWARTH AND ALICE R. TOMASINI.

Type & Meeting: Invited talk at the Summer 2004 AAPT Meeting. Sacramento

Presenter: Chance Hoellwarth and Alice Tomasini (gave a joint talk)

DOES CONCEPTUAL UNDERSTANDING CORRELATE WITH PROBLEM-SOLVING SKILL. C.C. HOELLWARTH, M.J. MOELTER, AND R. KNIGHT.

Type & Meeting: Talk at the Winter 2001 AAPT Meeting. San Diego, CA 2001

Presenter: Chance Hoellwarth

Presenter: Matt Moelter

ENHANCING PRE-SERVICE SCIENCE INSTRUCTION AT CAL POLY-SLO. C.C. HOELLWARTH*, T. BOLANOS

Type & Meeting: Presented at NOVA mini-grant meeting, Cal Poly-Pamona, Oct. 21, 2000

Presenter: Chance Hoellwarth

A DIRECT COMPARISON OF ACTIVE LEARNING AND LECTURE-MODE INSTRUCTION R. KNIGHT, C. HOELLWARTH, N. SUNGAR, AND L. WALL

Type & Meeting: Talk at 1999 Summer AAPT Meeting, San Antonio, TX

Presenter: Chance Hoellwarth and Randy Knight (back-to-back talks)

ASSESSMENT OF TRADITIONAL AND STUDIO STYLE INSTRUCTION METHODS. C.C. HOELLWARTH*

Type & Meeting: Talk at the 1999 Winter AAPT Meeting, Anaheim, CA, 1999

Presenter: Chance Hoellwarth

Service

Department

PHYSICS DEPARTMENT ADVISOR

Fall 2001-present

PHYSICS DEPARTMENT CURRICULUM COMMITTEE

Fall 2001- Spring 2008

SINGLE SUBJECT COORDINATOR FOR PHYSICS AND CHEMISTRY

Fall 2001- Summer 2004

I advised students who were interested in becoming secondary teachers. I also supervised student teachers.

College

COLLEGE CURRICULUM COMMITTEE

Fall 2007-2008 and Fall 2009 - present

University

UNIVERSITY SINGLE SUBJECT COMMITTEE

Winter 2000- Summer 2004 and and Fall 2009 - present