

Hillsborough County Public Schools

Controversial Issues in the Science Classroom

July 13-16, 2009

8:30am – 3:30pm

University of South Florida
College of Education



Monday, July 13

College of Education, Room EDU 413

Morning Session

Welcome and Overview

Larry R. Plank, Ed.S.

Secondary Science Supervisor, HCPS

Dana Zeidler, Ph.D.

University of South Florida

What Are Controversial Issues in Science?

Nancy Johnson Marsh

Former Secondary Science Supervisor, HCPS

Afternoon Session

The History of Evolution Education

Josh Rosenau

National Center for Science Education

Evolution, Geology and Religion: Navigating the Labyrinth

Joseph G. Meert, Ph.D.

University of Florida

Department of Geological Sciences

Florida Citizens for Science Board Member



Tuesday, July 14

College of Education, Room EDU 408-A

Morning Session

The Glorious History of Creationism in Florida

Joe Wolf, M.S.

President, Florida Citizens for Science

Challenges in the Classroom: A Case Study Approach

Josh Rosenau

National Center for Science Education

Afternoon Session

Cognitive Biases and Misconceptions of Students

Josh Rosenau

National Center for Science Education

Science or Pseudoscience, a Teacher's Perspective: Diffusing Classroom Conflicts

Kathy Savage, M.S.

Science Teacher, Oviedo FL

Florida Citizens for Science Board Member



Wednesday, July 15

College of Education, Room EDU 413

Morning Session

Overcoming Roadblocks in Teaching Evolution:

Why Evolution Presents Critical Pedagogy

Jonathan Smith, M.S.

Vice President, Florida Citizens for Science

Top Ten Myths about Teaching Evolution

Debra Walker, Ph.D.

Archeologist, Monroe County School Board

Florida Citizens for Science Board Member

Afternoon Session

The History of the Evolution Controversy in Florida

Brandon Haught

Florida Citizens for Science

What Are Controversial Issues in Science?

Nancy Johnson Marsh

Former Secondary Science Supervisor, HCPS

Group Presentation Preparation Time



National
Center for
Science
Education



Thursday, July 16

College of Education, Room EDU 413

Morning Session

Controversial Issues: A Model Lesson Approach

Samantha Fowler

Coalition for Science Literacy

Controversial Issues Outside of Evolution

Michael Fauerbach, Ph.D.

Florida Gulf Coast University

Afternoon Session

Group Presentations

Groups 1-8, 15 Minutes Each

Closing Remarks

Larry R. Plank, Ed.S.

Secondary Science Supervisor, HCPS

Very special thanks to Dr. Dana Zeidler and the University of South Florida College of Education for providing meeting space for this unique opportunity.

