

Agenda

July 8, 2016 | 8:30 – 12:00 | SCSU

Workshop Goal

The goal of this interactive workshop will be to provide strategies for effective Science instruction for students with Individualized Education Plans (IEPs) within the classroom and lab

8:30 – 9:00 Sign in, Welcome | Christine Broadbridge

Breakfast, coffee

Pre-surveys, W-9, media consent form

9:00 – 12:00 Kevin Fleming and Patty Harte-Cole from ACES,
joined by SCSU Prof. Maria Diamantis and Prof.
Adam Goldberg

Examining concepts of probability and statistics
with hands-on activities and technology

Presenter Bios

Kevin Fleming

Kevin Fleming is an Education Specialist with a focus on K-12 science, social studies and career and technical education at ACES Professional Development and School Improvement (PDSI). Prior to joining ACES, Kevin was a science teacher and building level specialist at Old Saybrook Senior High School.

Additional professional experiences include serving as a teacher and residential counselor at the Grove School, a private special education therapeutic boarding school for students, a dean of residential life at Johns Hopkins University's Center for Talented Youth summer programs in the U.S. and Saudi Arabia. He has a bachelor's degree in adolescent education (science and social studies) from Elmira College, a master's degree in science education from Vanderbilt University and his certification in intermediate administration and supervision (092) from Sacred Heart University. Kevin is a manuscript reviewer and national presenter for the National Science Teacher Association's journals: *Science and Children* and *The Science Teacher*.

Patricia Hart-Cole

Patricia Hart-Cole is an Education Specialist at ACES Professional Development and School Improvement (PDSI) who has supported high standards of achievement for the past 29 years as an educator. She earned a bachelor's and master's degree in comprehensive special education and a sixth-year degree in educational leadership from Southern Connecticut State University. Patricia has worked in the field to support students with various identified disabilities requiring special education services including effective programming for students with autism.

Additional professional experiences include serving as a special education teacher-in-residence, facilitating Foundational Training for Evaluators of Teachers, working with the CSDE Educator Evaluation Evidence Guide Development Project and presenting COMPASS training for paraeducators. Patricia is responsible for providing regional and in-district training and support for the state's Teacher Education and Mentoring Program.

**Science for All:
Strategies for Teaching Science to Students with Special Needs
July 8, 2016**

Time	Agenda Item/Description	Outcomes
8:30 – 9:00	Registration	
9:00 – 9:40	<p>Introductions</p> <p>Review of NGSS and IEP standards-based objectives, modifications and accommodations</p> <p>Making Connections:</p> <p>“What does this mean for special education students?”</p>	collaborative reflection on the instructional shifts with NGSS and implications for supporting special education students’ learning in science
9:40 – 11:00	<p>Featured Strategies:</p> <p>Argumentation and Literacy</p> <ul style="list-style-type: none"> • Close Reading to Evaluate Arguments • “Four Corners Debate” 	shared understanding of how multiple modalities of literacy can be integrated in science to support student’s specific learning needs
11:00 – 11:40	<p>Featured Strategies:</p> <p>Accountability and Assessment</p> <ul style="list-style-type: none"> • Mid-Project Rubric Review 	increased knowledge of support measures that result in assessing student learning and promoting student accountability to meet the needs of students with disabilities
11:40-11:50	Debrief and Q&A	
11:50 – 12:00	Feedback Surveys	