



Join us this fall at SIRC to deepen your understanding of science and NGSS. Gain ready-to-use ideas, real world culturally responsive lessons, and classroom strategies. Learn from the insights of local teacher leaders and university faculty, and broaden your teaching perspective with real-world relevant topics like how to create equity in science classrooms, engage students in sense-making, and develop students' social-emotional learning.

IN PERSON @ SAC STATE

OCTOBER 25 5:00-8:00PM
 NOVEMBER 15 \$50 EACH OR
 DECEMBER 13 \$135 FOR ALL 3

ONLINE VIA ZOOM

5:00-6:30PM
 NOVEMBER 1 \$20 EACH OR
 DECEMBER 6 \$35 FOR BOTH

Each SIRC evening in person will include:

- a parking permit
- a working dinner with guest speaker
- a choice between a variety of new workshops designed for K-12 teachers
- an opportunity to win raffle prizes
- units available at an additional cost for attending all three evenings

REGISTER ONLINE NOW AT
www.sasp-science.org/sirc

NEW SCHEDULE FOR FALL 2022!

4:30-5:00PM	CHECK-IN & NETWORKING
5:00-6:00PM	WORKING DINNER & GUEST SPEAKER
6:00-8:00PM	WORKSHOPS



SAVE THE DATE

SUPER SIRC

February 4, 2023

Questions? Contact Debbie Dennick at debbie@csus.edu

Oct. 25

Adapting and Modifying Investigations for Sensemaking
Kelli Quan
For: Grades K-12

Science Through the Winter Garden
Lorie Hammond
For: Grades K-2

Strategies to Help Your Students Catch-up, Enjoy & Gain Confidence in Science
Jay Brennan
Grades: 6-12

Making Waves! How Earthquakes Are Used to See Inside the Earth
Liz Johnson & Julie Harr
Grades: 9-12

Planet Formation for Biology Teachers: Launching a Year of Earth Science Integrated Biology
Liz Shoemaker
Grades: 9-12

Nov. 9

The Case of the Vanishing Bees: Integrating Literacy, Social Justice, Engineering, and Science
Corinne Lardy
Grades: K-2

Making Sense of Sensemaking
Ingrid Salim
Grades: 4-12

Implementing a "Mistake Game" to Normalize Learning From Failure
Brian Ellis
Grades: 6-12

Using Earth Science Data to Unpack Energy Change Models
Steven Ramsay
Grades: 9-12

Race/Gender and Debunking Social Constructs in Biology Classrooms
Hannah Perkins
Grades: 9-12

Dec. 7

Racial Literacy & Antiracist Science Teaching: What, Why, & How
Robert Brewer
Grades: K-12

Puzzling Forces: Bringing Science and Standards Together Across Grades
Sarah Caves & Megan White
Grades: 3-5

Climate Change: Molecule Shape Matters!
Julie Harr and Liz Johnson
Grades: 9-12

Decoding the Stars
Melissa Marcucci
Grades: 9-12

Exploring Ecosystems and Ecosystem Resilience in the Biology of Living Earth
Chris Griesemer & Cindy Passmore
Grades: 9-12

For full workshop descriptions please visit sasp-science.org/sirc

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