

# SIRC

science in the river city

# FALL 2021

## WORKSHOPS HELD VIA ZOOM

Join us this fall at SIRC to **deepen your understanding of science and NGSS**, and gain **ready-to-use ideas, 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.

*Note: Masks are required at in-person events, regardless of vaccination status.*

**IN PERSON  
@ SAC STATE**



Masks required

**OCTOBER 19** 4:30-6:00PM  
**NOVEMBER 16** \$30 EACH OR  
**DECEMBER 14** \$85 FOR ALL 3

**CANCELED**

**ONLINE  
VIA ZOOM**

**OCTOBER 12** 4:00-6:00PM  
**NOVEMBER 9** \$20 EACH OR  
**DECEMBER 7** \$45 FOR ALL 3

Each SIRC event will feature a variety of all-new workshop options.

For workshop descriptions and to register, visit our website:  
**SASP-SCIENCE.ORG**

Questions? Contact Debbie Dennick at [debbie@csus.edu](mailto:debbie@csus.edu).

## Workshops

**Oct. 12**

Defining the Implicit  
in Implicit Bias  
*Amy Kraft*  
*Grades: K-12*

Infusing Anti-Racism into  
a Thermal Energy Unit  
*Judi Kusnick*  
*Grades: 6+*

Rethinking the Carbon Cycle  
for the Living Earth Course  
*Rich Hedman*  
*Grades: 6-12*

**Nov. 9**

Underground Stories  
*Lorie Hammond and  
Fenmeng Zhu*  
*Grades: K-5*

Grading Practices that Reflect  
the Learner and Educator  
*Melissa Marcucci*  
*Grades: K-12*

Leading a Group Discussion:  
Eliciting Students' Ideas  
About Phenomena  
*Corinne Lardy &  
Jenna Porter*  
*Grades: K-12*

Using Digital Notebooks to  
Track Student Thinking  
*Hannah Perkins*  
*Grades: 7-12*

**Dec. 7**

Supporting English  
Learners in the  
Science Classroom  
*Kelli Quan*  
*Grades: K-12*

Salmon & Trout: The  
Perils of Our Local  
Waterways  
*Lisa Hegdahl*  
*Grades: 3-5*

Student Collaboration  
on Real-Life Datasets  
with Desmos  
*Brian Ellis*  
*Grades: 6-12*

Forest Fires:  
California's Climate  
Change Feedback  
Loop  
*Arlene Laurison*  
*Grades: 7-12*

How to Build Inquiry-Based  
Activities From NGSS Evidence  
Statements  
*Corinne Rushing & Nick Bua*  
*Grades: 9-12*

For full workshop descriptions please visit  
[sasp-science.org/sirc](https://sasp-science.org/sirc)

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