

ABOUT SIRC

SCIENCE IN THE RIVER CITY (SIRC)

Science in the River City is an outstanding standards-based professional development program for K-12 science teachers. SIRC is held approximately once a month at Sacramento State during the academic year. The program is designed to deepen teachers' understanding of science (through hands-on, inquiry-based labs and activities) and provides innovative ideas, lessons, and strategies for teachers to use in their classrooms. The workshops are taught by university faculty or teacher leaders from the Sacramento Area Science Project.

FUNDING YOUR WORKSHOPS

SIRC is aligned to the No Child Left Behind regulations.

District and school site Title I and Title II funds can be used for registration costs. Additionally, your district may have other grants or funds related to science, literacy, BTSA, or EL instruction which can support your attendance.

QUESTIONS?

Please contact the Event Coordinator, Debbie Dennick at (916) 278-4497 or e-mail: debbie@csus.edu.

For information about professional development, continuing education units, refunds, and parking, please visit the MASE webpage at : <http://www.csus.edu/mase/>

www.csus.edu/mase

(916) 278-5487



Center for Mathematics and Science Education
California State University, Sacramento
6000 J Street, Sequoia Hall #330
Sacramento, CA 95819-6125
80700148



MASE Center Online
www.csus.edu/mase

SIRC

SCIENCE IN THE RIVER CITY

08-09
WORKSHOPS
FOR TEACHERS

NEW SPRING FORMAT!

(similar to the old SCATS program)

4:00 - 4:30: Registration and Sign-in
4:30 - 6:30: Workshops (select one)
6:30 - 7:00: Catered dinner
7:00 - 7:15: Science Updates and Networking
7:15 - 8:00: Special Guest Science Speaker

JAN 13
FEB 24
MAR 24
May 12

Professional Development Workshops for K-12 Teachers

| 4th/5th Grade Science | Earth Science |
| Biology/Life Science | Physics/Chemistry |

Sacramento State's Center for Mathematics and
Science Education in partnership with the
Sacramento Area Science Project (SASP)

SPRING 2009 SCHEDULE

4:00pm-8:00pm (includes dinner)

	JANUARY 13	FEBRUARY 24	MARCH 24	MAY 12
Special Guest Science Speaker	Carbon Farming: Mitigating Climate Change <i>William Horwath</i> Professor of Soil Biochemistry, UC Davis Center for Land, Air and Water Resources	Exploring Mars: An Adventure for Everyone <i>Dawn Sumner</i> Member of the Mars Science Laboratory Rover Team, Professor of Geology at UC Davis	Feeding the World: Is Ag Biotech the Answer? <i>Nicholas Ewing</i> Professor of Biology at Sacramento State	TBA
	4th & 5th Grade Science Series Grade 5 Science CST	Shaping Earth's Surface CA std 4.5 <i>Barbara Munn</i> Sac State Geology	Edible Mission to Mars CA std 5.5 <i>Rebekah Shepard</i> UC Davis Geology	Where Does a Tree Get Its Mass? CA std 4.2, 5.2 <i>Kathy Bradshaw</i> American River College Biology
Earth Science Series 6th-12th Grades Earth Science CST	Water the Great Mover CA std 6.2 <i>Joy Cornette</i> St. Francis HS, retired	Detecting Planets Around Distant Stars CA std 8.4, Earth Science std 1 <i>Chris Taylor</i> Sac State Physics and Astronomy	Atmospheric Circulation and Climate Change CA std 6.4, Earth Science std 8 <i>Judi Kusnick</i> Sac State Geology	Energy in the Earth System CA std 6.4, Earth Science std 4 <i>Rich Hedman</i> MASE Center
Biology/ Life Science 7th-12th Grades Grade 10 Life Science CST Biology CST	From DNA to Protein Expression: How Do We Know What We Know? Biology/Life Science std 4 <i>Kathy Bradshaw</i> American River College Biology	Balance in the Body: Homeostasis and Feedback Loops CA std 7.4, Biology/ Life Science std 9 <i>Jennifer Lundmark</i> Sac State Biology	Innovative Curriculum for HS Biology from California's Education and Environment Initiative Biology/Life Science std 6 <i>Andrew Lewis</i> California EPA	Computer Modeling and Student Reasoning in Biology CA std 7.2, 7.3, Biology/Life Science std 2, 7 <i>Lin Xiang and Julia Svoboda</i> UC Davis Education
Physics/Chemistry 7th-12th Grades Grade 8 Science CST Chemistry CST Physics CST	Dueling Models of Light: Using Models to Help Students Think Critically CA std 7.5, Physics std 4 <i>Scott Richardson</i> Davis Senior HS	A Kinetic Molecular Approach to Gases and Gas Laws CA std 8.3, Chemistry std 4 <i>Arthur Beauchamp</i> Sacramento Area Science Project (SASP)	Making Gravity Stick with Black Holes CA std 8.2, Physics std 2 <i>Vera Margoniner</i> Sac State Physics	Energy Conservation and Energy Transformations CA Physics std 2, Chemistry std 7 <i>Cassandra Paul</i> UC Davis Physics

SPRING 2009 REGISTRATION FORM

Name _____

Home Mailing Address _____

City _____ State _____ Zip _____

Best Email _____

Home Phone _____ Grade Level _____

School/District _____

Special Needs (Dietary/Disability) _____

Step 1: Choose ONE workshop for each date you will attend.

Workshop	SPRING 2009 SCHEDULE			
	Jan. 13	Feb. 24	Mar. 24	May 12
4th/5th Science	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Earth Science	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Biology/Life Science	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Physics/Chemistry	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Step 2: Determine Workshop Fees

Individual Dates - \$40 each \$ _____
(includes dinner and parking pass)

Step 3: Determine CEU Fees if desired

Spring Series 1.2 CEUs- \$100 \$ _____
(includes \$50 CCE CEU fee)
Social Security # (required for CEUs) _____

Step 4: Add all fees \$ _____ **Total Amount**

Step 5: Select type of payment

- Check enclosed, payable to: MASE Center
- Purchase Order enclosed, payable to: MASE Center
- Charge my: Visa Mastercard

Cardholder Name: _____

Credit Card # _____

Billing Zip _____ Exp. Date _____

Signature _____

Payable to:
MASE Center, 6000 J Street, Sacramento, CA 95819-6125