

JOURNAL OF CHEMICAL EDUCATION

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VOLUMEN 87 No. 2 FEBRUARY 2010

COVER

Chemists Celebrate Earth Day. In celebration of Earth Day on April 22, 2010, the American Chemical Society's theme is Plants: The Green Machines (<http://acs.org/earthday>). To facilitate your participation in this event, this issue contains a variety of articles on ways to bring environmental chemistry in to the classroom. The cover features a painting by Alyssa Olson that shows a microscopic cross-section of a leaf, describing the complex structure and dynamic processes of the photosynthesizing factory.

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