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**Production and Mailing** 

Design and Prepress Production Automated Graphic Systems White Plains, MD 20695 www.ags.com The Council on Undergraduate Research Quarterly is published in the Fall, Winter, Spring, and Summer by the Council on Undergraduate Research.

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# ISSN 1072-5830

Council on Undergraduate Research 734 15th Street NW, Suite 550 Washington, DC, 20005-1013

### Cover Photo:

First-year students at Pepperdine University who are investigating the biological mechanism of plant adaptation to wildfire in the Santa Monica Mountains. Students shown are measuring enhanced photosynthesis and transpiration characteristic of fire-adapted plants after shoot removal by wildfire. (Photo credit: Stephen D. Davis)