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# CUR Quarterly

COUNCIL ON UNDERGRADUATE RESEARCH

Volume 33, Number 4

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Phone: 202-783-4810  
Fax: 202-783-4811  
www.cur.org

## 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.

**The mission of the Council on Undergraduate Research is to support and promote high-quality undergraduate student-faculty collaborative research and scholarship.**

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For CUR members, the *CUR Quarterly* is delivered as a benefit of membership. For other individuals, the annual subscription rate is \$42. For libraries, the subscription rate is \$87 annually.

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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)