

# Laci M. Gerhart

Department of Ecology and Evolutionary Biology  
University of Kansas  
1200 Sunnyside Avenue, Haworth Hall  
Lawrence, KS 66045

Phone: (785) 864-5229  
Fax: (785) 864 5860  
Email: laci@ku.edu

## **Education**

University of Kansas  
Ecology and Evolutionary Biology  
Advisor: Dr. Joy K. Ward

PhD in progress

University of Kansas  
Ecology and Evolutionary Biology

B.S. 2006

## **Research Interests**

- Effects of global change, including changes in carbon dioxide and temperature, on ecosystems
- Effects of low atmospheric carbon dioxide on plant physiology during the last ice age
- Effects of global change on biological, social and political systems, both past and present

## **Publications**

Gerhart LM, JK Ward (in press) Tansley Review: Plant responses to low CO<sub>2</sub> of the past, *New Phytologist*

## **Professional Affiliations**

- Ecological Society of America
- American Geophysical Union
- Sigma Xi
- Association for Environmental Studies and Sciences

## **Awards and Honors**

- Botany Summer Research Fellowship: 2010
- Sigma Xi Student Research Paper Competition, First Place Early Graduate Section: 2009
- NSF IGERT, C-CHANGE: Climate Change, Humans and Nature in the Global Environment Graduate Trainee: 2009-2011
- Graduate Student Scholarship, Mary Harkey Hall Plant Biology Fund: 2009
- Madison and Lila Self Graduate Fellowship: 2008-2012
- Graduated with Distinction (top 10% of the College of Liberal Arts and Sciences): 2006
- Watkins-Berger Scholarship (awarded to the top 100 female students in Kansas): 2002-2006

## **Teaching Experience**

Graduate Teaching Assistant: University of Kansas

- Biol 408/409: Physiology of Organisms/Laboratory (Spring 2008)

- Biol 102: Introduction to Biology Laboratory (Fall 2007)
- Biol 418/613: Biology of the Honeybee (Fall 2007)

### **Outreach**

- Graduate student representative, Strategic Planning Committee: 2009-2010
- Science instructor for Career Horizons through Talent Search: 2008-2009
- Science instructor for Discover Technology through Talent Search: 2007-2010
- Volunteer and Public Education presenter for Operation WildLife (a non-profit rehabilitation facility for injured, orphaned and displaced Kansas wildlife): 2006-2008