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# AMY LAWTON-RAUH

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CV

PARTICIPANT AT:

## EVOLUTION OF PLANT PHENOTYPES FROM GENOMES TO TRAITS

**March, 17<sup>th</sup>-18<sup>th</sup>, 2015, Barcelona**

**Amy Lawton-Rauh**, Associate Professor, Department of Genetics and Biochemistry, Clemson University, Clemson, USA

Amy Lawton-Rauh earned an Honors B.S. degree in Biological Sciences with minors in Chemistry and Anthropology at the University of Missouri in Columbia in 1997. As an undergraduate, Amy conducted research on mitochondrial and chloroplast mutations in *Zea mays* under Dr. Kathleen Newton through fellowships from the Howard Hughes Medical Institute (HHMI) and the U.S. National Science Foundation (NSF) for three years plus studied abroad at the University of East Anglia in Norwich, U.K. Amy then focused her studies on population-quantitative genetics and molecular evolution at North Carolina State University where, in 2003, she earned her Ph.D. Genetics with Botany minor under Dr. Michael Purugganan (dissertation title: "Molecular Evolution and Population Genetics of Duplicated Floral Regulatory Genes", study systems: Brassicaceae and the Hawaiian Silversword Alliance adaptive radiation). Following her Ph.D., Amy was a postdoctoral research fellow at the Max Planck Institute for Chemical Ecology in the Department of Genetics and Evolution under Dr. Thomas Mitchell-Olds where she worked on population genomics in the outcrosser *Arabidopsis lyrata*. In 2005, Amy joined the Genetics and Biochemistry faculty at Clemson University, earning tenure in 2011.

B-DEBATE IS AN INITIATIVE OF:

