

Christopher K. Black

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EDUCATION Ph.D. in progress, Plant Biology. University of Illinois, completion expected 2014.
B.A., Biology. Reed College 2008.

PAPERS AND **Black, C.**, Davis, S.C., Bernacchi, C.J., DeLucia, E.H. (submitted). "Re-
PRESENTATIONS sponse of soil respiration to ecosystem warming and elevated atmospheric carbon dioxide." Poster to be presented at the Ecological Society of America annual meeting, August 2010.

Black, C. 2008. *Associative Nitrogen Fixation Ability Does Not Predict Symbiotic Nodulation Ability in Burkholderia tropica*. Reed College thesis.

Lin, R., Teng, Y., Park, H.J., Ding, L., **Black, C.**, Fang, P., Wang, H. 2008. Discrete and Essential Roles of the Multiple Domains of Arabidopsis FHY3 in Mediating Phytochrome A Signal Transduction. *Plant Physiology* 148: 981-992.

"Functional significance of conserved amino acids for light signaling in FHY3." Talk given at the Boyce Thompson Institute summer student research symposium. August 2007.

HONORS AND **Internship in Plant Genomics** at Boyce Thompson Institute, supported by
AWARDS NSF Research Experience for Undergraduates grant DBI0453331, 2007.
Thesis research supported by a grant to Reed College from the James F. and Marion L. Miller Foundation, 2007-2008.
Undergraduate research supported by a grant to Reed College from the James F. and Marion L. Miller Foundation, 2006.
Faculty commendation for academic excellence, Reed College 2004-2005.

WORK HISTORY	Research Assistant 2009-present	University of Illinois Urbana, IL
	Research Assistant 2009	Energy Biosciences Institute Urbana, IL
	Arborist 2008 – 2009	Rich's Tree Service Fairview, OR
	Plant Genomics Research Intern 2007	Boyce Thompson Institute Ithaca, NY

	Multimedia Lab Assistant 2004 – 2007	Reed College Portland, OR
	Landscape Maintenance Crewman 2003 – 2005	Ascent Tree and Yard Care Portland, OR
	Water-pumping Windmill Repairman 1989 – 2004	LoTec Windmill Service Arkansaw, WI
	Junior Staff 2002	Not Back To School Camp Bridge, OR
	Historical Carpentry Intern 2001	George Washington's Mount Vernon Mount Vernon, VA
	Junior Staff 2000	Camp Woodbrook Richland Center, WI
VOLUNTEER WORK	Historical carpentry demonstrator 2003 – 2004	Fort Vancouver Vancouver, WA
SKILLS AND QUALIFICATIONS	<p>LAB: Experience with PCR, bacterial cloning, spectrophotometry, IRGA, gas and liquid chromatography, bacteriophage isolation, sterile plant and bacterial culture, <i>Arabidopsis</i> and legume growth.</p> <p>FIELD: Experience with soil respiration measurements, minirhizotron imaging, plant identification, survey methods, breeding techniques, tree climbing, working outdoors in all weathers. Background in gardening, arboriculture, camping, climbing, construction.</p> <p>COMPUTER: Proficient Mac OS X and Linux systems administrator. Experience with LaTeX, R statistics package, BLAST, ImageJ, Excel, Photoshop, Illustrator, Python, PHP, C, Scheme, SQL.</p>	