

# Kristel Schoonder der woerd

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Arnold Arboretum  
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## Education

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### CURRENT POSITION

**Harvard University (USA) • 2015–2021 *expected***  
PhD student in the Organismic and Evolutionary Biology Graduate Program  
Fellow of the Arnold Arboretum of Harvard University

### MASTER'S DEGREE

**Erasmus Mundus Master Program in Evolutionary Biology (MEME) • 2012–2014**

Dual Master's degree:

**Rijksuniversiteit Groningen (Netherlands)**

MSc Ecology and Evolution: Top Program Evolutionary Biology • *cum laude*

**Ludwig-Maximilians-Universität München (Germany)**

MSc Ecology, Evolutionary Genomics and Systematics

### UNDERGRADUATE DEGREE

**University of Sheffield (UK) • 2009–2012**

BSc Biology with Conservation & Biodiversity • *first class*

## Publications

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**Schoonderwoerd, KM & Friedman, WE (2016)** Zygotic dormancy underlies prolonged seed development in *Franklinia alata* (Theaceae): a most unusual case of reproductive phenology in angiosperms. *Botanical Journal of the Linnean Society* **181**: 70–83.  
<http://dx.doi.org/10.1111/boj.12409>

## Research

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### PHD THESIS PROJECT

**Friedman Lab, Department of Organismic and Evolutionary Biology/  
Arnold Arboretum of Harvard University (USA) • 2015–2021 *expected***  
Winter bud development in Juglandaceae

### SECOND MASTER THESIS PROJECT

**Laboratory of Plant Physiology, Center for Ecology and Evolution,  
Rijksuniversiteit Groningen (Netherlands) • 2014**  
The origin and prevalence of systemin in Solanaceae

### FIRST MASTER THESIS PROJECT

**Friedman Lab, Department of Organismic and Evolutionary Biology/  
Arnold Arboretum of Harvard University (USA) • 2013–2014**  
Female gametophyte and seed development in *Franklinia alata* (Theaceae)

### FIRST-YEAR MASTER RESEARCH PROJECT

**Plant Biochemistry and Physiology, Department of Biology, LMU (Germany) • 2013**  
Characterization of the Prt1 chloroplast inner envelope membrane protein  
by limited proteolysis

### FINAL-YEAR UNDERGRADUATE RESEARCH PROJECT

**Berling Lab, Animal and Plant Sciences, University of Sheffield (UK) • 2011**  
Plasticity of epidermal pore size and density in response to atmospheric  
CO<sub>2</sub> concentration and arbuscular mycorrhizal fungi in three land plant lineages

### UNDERGRADUATE STUDENT RESEARCH ASSISTANTSHIP

**Evans Lab, Animal and Plant Sciences, University of Sheffield (UK) • 2010–2012**  
Phenological shifts in food supply for the long-tailed tit in the Rivelin Valley