

**From:** Richard Shefferson  
**Subject:** recruiting graduate students in eco-evolutionary dynamics, and evolutionary ecology

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The Shefferson lab at the University of Tokyo is recruiting graduate students at both the MS and PhD levels. We specialize in eco-evolutionary dynamics and plant/microbial evolution, and are currently working on the following funded research projects:

- 1) Micro-evolutionary interactions between symbiosis and population dynamics, with a focus on the mycorrhiza.
- 2) The micro- and macro-evolution of senescence-related life history patterns and life history costs, with a focus on herbaceous plants and terrestrial fungi.
- 3) Interactions between community structure and phylogeny at differing timescales, with a focus on the mycorrhiza.
- 4) Eco-evolutionary impacts of conservation problems and associated management.

Students applying to work in the lab may focus on these topics, or choose other research themes in plant and microbial evolutionary ecology. Research methods typically involve in situ monitoring and experimentation, combined with modeling and analysis based in R and/or C++. The Shefferson lab is global in its scope, with active field sites in the USA, Europe, and Central America. Our current collaborations include projects in Estonia, China, Taiwan, Japan, the United Kingdom, and the United States. Although we work with all plants and fungi, we are particularly interested in herbaceous plants and mycorrhizal fungi.

The Shefferson lab is located within the University of Tokyo, at the Komaba Campus. U Tokyo is home to some of the finest scientists in Japan, including ecologists and evolutionary biologists, and more Nobel laureates than you can shake a stick at. Komaba in particular has a particularly large community of ecologists and evolutionary biologists working on plants, animals, and fungi. We also offer graduate programs in both Japanese and English. Students wishing to pursue their graduate research may do so fully in English via the Graduate Program in Environmental Sciences ([https://urldefense.proofpoint.com/v2/url?u=http-3A\\_\\_gpes.c.u-2Dtokyo.ac.jp\\_&d=CwIFaQ&c=Ngd-ta5yRYsqeUsEDgxhcqsYYY1Xs5ogLxWPA\\_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AqoiqLvxfeeaTyN59ZLoI&m=\\_CFAxw2DuISwn-pTyScqe-L7HydRr5qXGjFPbeyFwdY&s=1Y3kwgtQ8h-j3CeDN-aIrzS6b09vrujRR0bj3i-SHa0&e=](https://urldefense.proofpoint.com/v2/url?u=http-3A__gpes.c.u-2Dtokyo.ac.jp_&d=CwIFaQ&c=Ngd-ta5yRYsqeUsEDgxhcqsYYY1Xs5ogLxWPA_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AqoiqLvxfeeaTyN59ZLoI&m=_CFAxw2DuISwn-pTyScqe-L7HydRr5qXGjFPbeyFwdY&s=1Y3kwgtQ8h-j3CeDN-aIrzS6b09vrujRR0bj3i-SHa0&e=)). Please note the application deadline of 25 Nov 2016 for entry in September 2017. Entry into the program on this deadline typically includes a generous fellowship covering tuition and other expenses.

If interested, please contact me at, and please also explore the Shefferson lab website:

E-mail: [cdorm@g.ecc.u-tokyo.ac.jp](mailto:cdorm@g.ecc.u-tokyo.ac.jp)

HTML: [www.sheffersonlab.com](http://www.sheffersonlab.com)

New book on the Evolution of Senescence in the Tree of Life

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