

The Tenhumberg lab has an opening for a PhD student interested in research on the interface between mathematics and ecology starting in fall 2020. We synergistically combine theoretical and empirical work to get a deeper understanding of key drivers of population dynamics and life history evolution (<https://www.unl.edu/btenhumberg/research>). Current Research Projects include (1) quantifying environmental drivers of plant demography using long term monitoring data, (2) effect of climate change on insect communities, and (3) evolution of pesticide resistance in insect pests and weed populations.

Students are encouraged to develop their own projects, which is an essential part of their advancement as independent and creative researchers. Dr. Tenhumberg expects students to have previous research experience and a strong interest in ecology, mathematics, or statistics. The student would become part of the School of Biological Sciences at the University of Nebraska-Lincoln (<https://biosci.unl.edu>). The admitted student will be initially funded through an NSF funded graduate research assistantship (GRA) for up to one year. Up to four additional years will be funded with Graduate Teaching Assistantships (GTA; see <https://biosci.unl.edu/financial-aid-incoming-graduate-students>). See why Lincoln is a great place to live: <https://www.unl.edu/lincoln/home>.

Interested students should contact Dr. Brigitte Tenhumberg (btenhumberg2 at unl dot edu) as early as possible with the following information: (1) research experience, ideas, and questions; (2) motivations to pursue a PhD and long-term career goals; (3) current CV, academic transcript, GRE score, and TOEFL score (if English is not the first language). On November 1st, I will begin reviewing candidate applications and invite selected applicants to apply to the department. The department's application deadline is December 1, 2019. (<https://www.unl.edu/gradstudies/prospective/programs/BiologicalSciences#apply>)