Building research into coursework
to engage students, improve job skills, and prime the research pipeline

Brantlee Spakes Richter
Department of Plant Pathology
Students Need Skills

Spakes-Richter et al. (2018) Plant Disease
Research Needs Skilled Students

39% of employers say a skills shortage is a leading reason for entry-level vacancies.

Lack of skills is a common reason for entry-level vacancies.

36% of employers also reported a lack of skills caused “significant problems in terms of cost, quality, and time” or worse.

**Source:** McKinsey survey, Aug-Sep 2012
Weeds & Wilds

Disease Scouting

Examination, Lit Search, Plating

Koch’s Postulates, Round 1

Koch’s Postulates, Round 2

Disease Note Manuscript

UG Intern
Grad Teams
Undergrad Teams