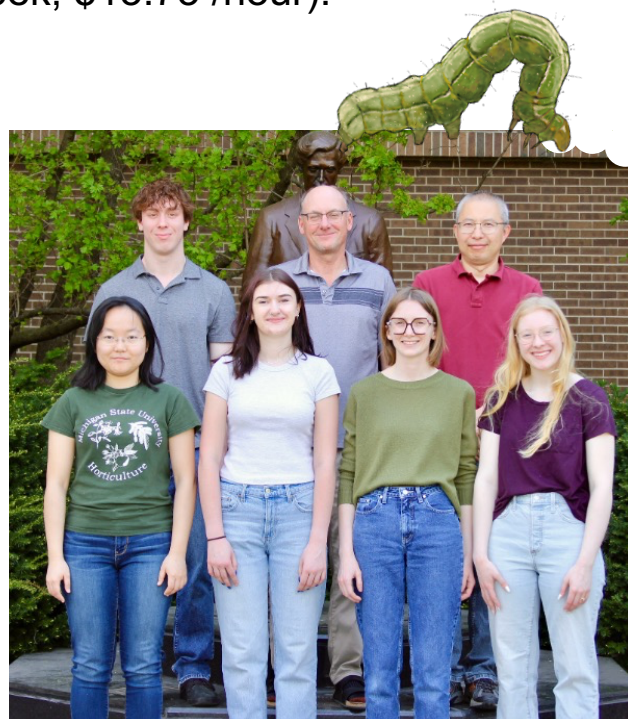


Howe Lab Undergraduate Research Assistant Position

Position summary: The Howe Lab is looking for a reliable and detail-orientated undergraduate student to join our lab and assist with general lab maintenance in a part-time position (10 hours/week; \$13.73 /hour).

Lab overview: The Howe Lab is located in the Molecular Plant Sciences (MPS) Building and broadly studies the molecular and biochemical basis of plants' metabolism under adverse environmental conditions during growth and development.

While plants have evolved unique mechanisms to allow them to adapt to their environments, the changing climate is increasing biotic and abiotic stressors that weaken plant resilience. In the Howe Lab, we use the growth-defense tradeoff in plants as a framework to understand how plants coordinate and shift their metabolisms with their ever-changing



Position details: The Howe lab is searching for a self-motivated and well-organized undergraduate student to join our research team as a lab assistant. Responsibilities include cleaning glassware, updating, and maintaining a chemical inventory, organizing supplies, and assisting others with experiments (e.g., preparing culture media). There will be opportunities to continue during summer/winter breaks and to work on an independent research project related to sulfur metabolism.

If you are interested, please submit your resume and a cover letter explaining why you are interested in this position to Bailey Kleven at klevenba@msu.edu by **Friday, September 19th, 2025**. In your cover letter, please indicate your major, year in school, and research/work experience (if any). Previous laboratory experience is not required.

