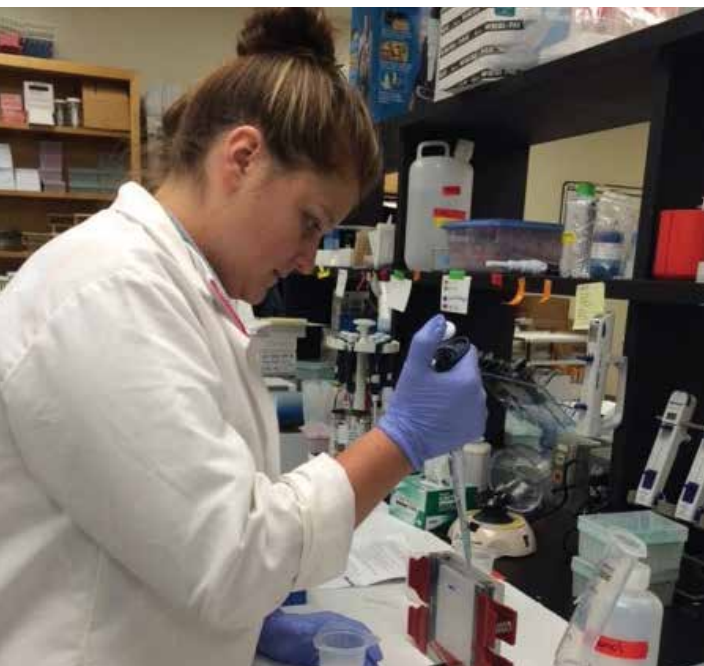


Explore SWP.

Your college experience begins with finding the right major. One that sparks your interests, builds on your talents and leads you to the career you've always wanted. The Science with Practice program gives you the opportunity to build upon your interests and career goals.

Students work closely with faculty and staff on a specific project, gaining hands-on experience relevant to their chosen career path while receiving academic credit and money for the work.



For more information, visit:

www.ageds.iastate.edu/content/science-practice-swp



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Mentor benefits.

Be a mentor in the Science with Practice program and help train the next generation of colleagues. This unique program puts ownership of a project in the hands of students as they gain real-world experience.

- Matching funds provided by Science with Practice program
- Better trained and informed workforce
- More open communication lines with student employees
- Opportunity to attract and develop student interest in research and related professional activities

“The program provides a structured research experience for the student and opportunity for members of my laboratory and myself to work with some of the future innovators and leaders in our discipline. For the students, the opportunity to earn credit and money is a win-win situation. For faculty members, having 50 percent of the student’s salary paid for is a major draw to the program.”

- Dr. Stephanie Hansen, associate professor,
animal science

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Agriculture and Life Sciences



IOWA STATE UNIVERSITY
College of Agriculture and Life Sciences

SCIENCE WITH PRACTICE
A LEARNING AND WORK EXPERIENCE PROGRAM
IN RESEARCH AND RELATED LABORATORIES



What is **Science with Practice**?



Purpose:

A learning and work experience program in research and related laboratories.

The purpose of Science with Practice (SWP) is to provide opportunities for students in the College of Agriculture and Life Sciences to learn and work experientially with faculty and staff in university research laboratories, farms, greenhouses, and other units through a planned education and work experience program.

SWP facilitates students work experiences within the College of Agriculture and Life Sciences so that they can gain hands-on experience while attending college. Students are able to learn about research and related professional practices while they earn money and academic credit!

Student benefits.

Learning outcomes

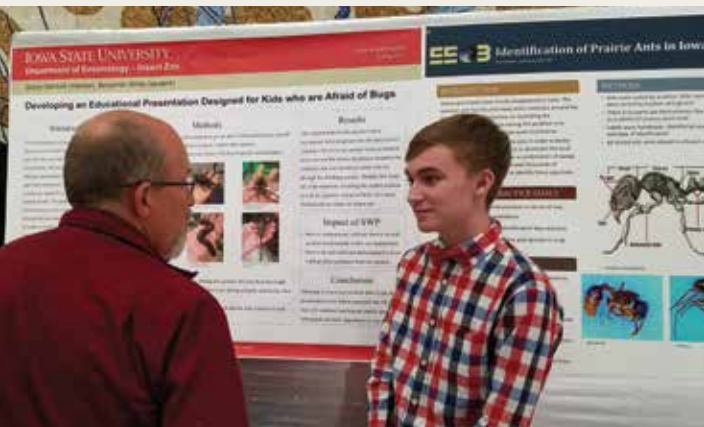
- Acquire technical agricultural and related sciences skills
- Develop skills related to:
 - « Data collection
 - « Research procedures
 - « Human resource management
 - « Written and oral communication
 - « Time management
 - « Organization
 - « Team work
 - « Data analysis
- Develop an understanding of the linkages between research and practical real-world situations and problems

Requirements for academic credit

- Develop a signed learning agreement outlining the purpose, goals and expectations
- Conduct up to 20 hours of experiential learning and work experience per week
- Attend SWP classes (AgEds 312)
- Submit bi-weekly journal entries reflecting on activities and experiences
- Create a portfolio and report as a summary of the SWP experience
- Develop and participate in a poster presentation

Start your adventure in the College of Agriculture and Life Sciences.

Get **Started.**



- Contact Science with Practice Team (swpteam@iastate.edu)
- Establish mentor/mentee relationship
- Complete and submit application found on the program website.
- Create a student learning agreement
- Register for Science with Practice course (AgEds 312) to earn academic credit
- Accomplish the goals of the program and the individualized learning agreement

