Science With Practice
A Learning & Work Experience Program in Research & Related Laboratories
Iowa State University

The purpose of Science with Practice is to link student learning opportunities and ISU College of Ag & Life Sciences employment experiences by providing student experiential learning opportunities on university research laboratories, farms, greenhouses, and other units while meeting the employment needs of the faculty and staff.

Project Expectations:
• Develop a written experience plan with the student
• Participate in student poster presentation at conclusion of the program
• Maintain regular communication between mentors, students, and SWP coordinators
• Provide written evaluations, comments, and recommendations (formally and informally)

Student Benefits
• Acquire technical agriculture skills
• Develop organizational & planning skills
• Develop skills related to research
• Develop/Improve skills related to human resource management
• Improve communication skills
• Better understand research and link it to higher level courses
• Better understand the linkages between science/research and practical, real-world situations/problems
• Develop an interest in research

Student Incentives
• Opportunity to develop individualized learning experience
• Opportunity to learn through employment experiences
• Opportunity to earn academic credit for experience (AGEDS 312)
• Potential for higher hourly wage

Employer Benefits
• Better trained/more informed workforce
• More open communication lines with student employees
• Improved relationship with student employee
• Opportunity to develop student interest in research
• Attract students to employment opportunities
• Provide incentives for student to excel

Employer Incentives
• SWP will pay ½ of the student’s hourly wage for up to 20 hours/week
• Opportunity for training and development in experiential learning

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