

## **M.S. Research Assistantship**

- Applied research in corn and soybean systems management
- Collaborative project with agronomy, hydrology, ag engineering, economics
- Opportunities in Extension training
- Available 2022 Season

Purdue Extension Agronomists, Dr. Quinn (corn) and Dr. Casteel (soybean) are recruiting a M.S. student to study the impacts of using drainage water recycling for supplemental fertigation in corn and soybean production systems. Project to start spring of 2022. The student will also be asked to participate in Extension programming to help communicate and disseminate research findings and to help advance the knowledge on eco-intensification using subsurface drip fertigation from drainage water recycling. The student will work with a team of agronomists, hydrologists, engineers, and economists as part of a USDA-NIFA funded project. Our overall goal is to improve water and nutrient use efficiency of corn and soybean systems at watershed and field scale from recycling drainage water. Additional opportunity for student to intensely manage corn-soybean systems to maximize yield and profit.

### **Qualifications**

The ideal candidate would have a B.S. degree in agronomy, soil science, environmental science, ecology, biochemistry, or a related field. Prior experience in agronomic field research and extension is preferred. The candidate will complete coursework necessary for a M.S. in Agronomy at Purdue University

(<https://ag.purdue.edu/agry/GraduateProgram/Pages/default.aspx>)

### **How to Apply**

Please email your CV to Dr. Daniel Quinn ([djquinn@purdue.edu](mailto:djquinn@purdue.edu)) or Dr. Shaun Casteel ([scasteel@purdue.edu](mailto:scasteel@purdue.edu)). Applicant screening will be immediate and will continue until a suitable candidate is found. The project will begin in the spring/summer of 2022.