

Jordan D. Reinders

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EDUCATION

Master of Science Degree

University of Nebraska, Lincoln, NE
Major: Entomology
Advisor: Dr. Lance Meinke, Department of Entomology

Anticipated Graduation: August 2017

GPA: 3.94/4.00

Bachelor of Arts Degree

Northwestern College, Orange City, IA
Majors: Biology and History
Certification: Secondary Education

May 2015

GPA: 3.87/4.00

PROFESSIONAL EXPERIENCE

M.S. Graduate Research Assistant

University of Nebraska Entomology Department, Lincoln, NE

- ◆ Collect, maintain, and rear western corn rootworm field populations
- ◆ Conduct single-plant larval bioassays to determine WCR susceptibility to *Bt* corn

July 2015 – Present

Undergraduate Research Assistant

Northwestern College Biology Department, Orange City, IA

- ◆ Researched the effects of European buckthorn on macroinvertebrates
- ◆ Identified, counted, and recorded numbers of invertebrates in pitfall cups
- ◆ Analyzed data and performed statistical analysis to reach conclusions

May 2013 – July 2015

ACADEMIC EXPERIENCE

Research Activities

M.S. Thesis: Spatial variation in western corn rootworm susceptibility to *Bt* corn events across the Nebraska landscape

Skills/Techniques:

- ◆ Rearing and maintaining western corn rootworm populations
- ◆ Procedure for conducting single-plant larval bioassays
- ◆ Procedure for removing seed treatment from corn

Teaching Activities

Teaching Assistant January 2015 – Present

University of Nebraska, Lincoln, NE

Department of Entomology, ENTO 116 – Insect Identification

- ♦ Present lectures on insect identification to the order and family level
- ♦ Assist students with collecting, preserving, and identifying insects
- ♦ Grade lab quizzes, lab practicals, and insect collections

Peer Tutor August 2012 – May 2015

NWC Academic Support Center, Orange City, IA

- ♦ Tutored college students in introductory and upper level science courses
- ♦ Evaluated student academic need and provided appropriate assistance
- ♦ Proofread and offered academic and research advice on student projects

Student Teacher - History February 2015 – May 2015

Unity Christian High School, Orange City, IA

- ♦ World Religions, United States History, Current United States History

Student Teacher - Biology January 2015 – February 2015

Rock Valley High School, Rock Valley, IA

- ♦ Biology, Applied Biology/Environmental Science, Human Anatomy and Physiology

Biology Lab Assistant/Teaching Assistant January 2014 – May 2014

Northwestern College, Orange City, IA

Department of Biology, NSC 101 – Introduction to Earth Science

- ♦ Planned and instructed biology labs related to major earth science concepts
- ♦ Evaluated student exams and student work
- ♦ Facilitated and guided student interaction to solve real-world problems

Outreach/Extension Activities

Entomology Extravaganza February 2016

- ♦ Informed 3rd-6th graders about the importance of sampling for insect pests

BugFest Open House 2015 September 2015

- ♦ Displayed the variety Nebraskan insects during a public open house

Haymarket Farmer's Market May – July 2016

- ♦ Exhibited live and preserved arthropods for the community to view

PROFESSIONAL PRESENTATIONS

State

Reinders, J. D., K. J. Cleveringa, B. C. Schmidt, E. E. Stricklin, S. L. Kaltenbach, T. T. Tracy, and L. J. Furlong. April 11, 2014. *Earth, Trees, and Fire: Ecological Interactions at Niobrara Valley Preserve*. 126th Annual Meeting of the Iowa Academy of Science at Iowa Central Community College, Fort Dodge, IA.

Departmental Seminars

Reinders, J. D. April 26, 2016. *Spatial Variation in Western Corn Rootworm Susceptibility to Bt Corn Events Across the Nebraska Landscape*. University of Nebraska-Lincoln Entomology Department Seminar Series.

HONORS AND AWARDS

Academic Scholarships

John & Mary Muilenburg Education Scholarship (2014 – 2015)
George & Kathleen DeVries History Scholarship (2013 – 2014; 2014 – 2015)
Glen and Ardell Hegstad Scholarship (2013 – 2014)
Charles & Cordella Boyd Scholarship (2011 – 2015)
Presidential Scholarship (2011 – 2015)
Biology Departmental Scholarship (2011 – 2012)
LeRoy Netten Scholarship (2011 – 2012)
Gordon McKinstrey Scholarship (2011 – 2012)

Academic Honors

Graduated *Summa cum Laude* (2015)
Outstanding Senior Award, Department of Biology (2014 – 2015)
Outstanding Senior Award, Department of History (2014 – 2015)
CoSIDA Academic All-District (2014 – 2015)
NAIA Scholar Athlete (2013 – 2014; 2014 – 2015)
Dean's List/Collegiate Scholar (6 semesters)

ORGANIZATIONAL INVOLVEMENT

Professional Memberships

Entomological Society of America 2016 – Present

Departmental Activities

Member of Entomology Bruner Club

- ♦ Computer Committee July 2015 – Present
- ♦ President May 2016 – Present

Department of Entomology Seminar Series

- ♦ Attend weekly seminars presented by students, faculty, and visiting scholars

CONTINUING EDUCATION/PROFESSIONAL IMPROVEMENT

Professional/Scholarly Meetings

126th Annual Meeting of the Iowa Academy of Science April 2013

Professional Certifications

Nebraska Department of Agriculture Non-Commercial Pesticide Applicator License

- ♦ Licensed until April 15, 2019
- ♦ Categories: Agricultural Pest Control (Plant); Demonstration and Research

Educational Professional Development Workshops

Ground Works – Teaching Gardens April 2014

Cindy Heidelberger Larson and Tim Olsen, Ground Works Midwest

- ♦ Advised in using teaching gardens for student involvement
- ♦ Explored the connection between gardening and its application to academic studies
- ♦ Trained in using a real-world experience to take learning outside of the classroom

AIW, STEM, and the Common Core Curriculum

March 2014

Julie Schley, Sioux Center Middle School Principal

- ◆ Explored ways of engaging students in work with meaning and value beyond school
- ◆ Challenged to allow students to use original applications of knowledge and skills to transform the learner's experience
- ◆ Learned the purpose for Common Core Curriculum standards

Experiential Learning, STEM, Project-Based Learning, and Inquiry Learning March 2014

Cindy Cleveringa, Iowa State University Extension and Outreach – Sioux County

- ◆ Trained in using the inquiry process to build competencies in academic disciplines
- ◆ Identified different ways for student reflection to transform the learning experience
- ◆ Investigated ways to use projects for active investigations to acquire knowledge

Technology in the Classroom

March 2014

Steven McHugh, Northwest Iowa AEA

- ◆ Observed different uses of technology for enhancement of lessons in the classroom
- ◆ Explored different websites and online activities to further student understanding
- ◆ Instructed on using social media for professional development