

# Holly C. Hinkhouse

508 Walnut St.  
Oakland IA 51560

hhinkhouse@riverside.k12.ia.us

---

## Education:

University of Northern Iowa: Cedar Falls, IA

Master of Arts in Science Education

Completed Graduate Thesis

August 2013

GPA: 4.0/4.0

Bachelor of Arts in Chemistry Teaching

Endorsements in Physics, Physical Science, and General Science

May 2006

GPA: 3.84/4.0

## Work Experience:

2006-Present Riverside High School Science Teacher: Oakland, IA

- Implements student-centered inquiry for teaching Physical Science, Chemistry, Advanced Chemistry, Weather, Science Issues, and Environmental Science
- Developing Standards-Based Grading systems for science courses
- Uses technology, including a class website, to deliver instruction and collaborate with students

Summer 2009 University of Northern Iowa Department of Chemistry and Biochemistry: Cedar Falls, IA

- Selected to participate in RAISE (Research Avenues for Iowa Science Educators)
- Performed Inorganic Chemistry Research for Dye-Sensitized Solar Cells with Dr. Chin

Fall 2003-2005 University of Northern Iowa Chemistry Department: Cedar Falls, IA

- Supported professors with lab preparation and maintenance as a lab assistant
- Initiated student learning in the lab and conducted tutoring sessions
- Performed chemistry education research with Dr. Dawn Del Carlo
- Presented preliminary findings of research at the Fall National Meeting of the American Chemical Society in Washington D.C. on August 30, 2005

Summer 2004 SeaWorld Orlando Education Department: Orlando, FL

- Acted as a counselor to campers ranging in age from pre-school to middle school
- Taught campers about the various animals in the park, guided craft activities and games

Summer 2003 Presbyterian Camp on Okoboji: Milford, IA

- Counseled cabin groups and served the needs of each camper
- Assisted with camp maintenance as well as cleaning and cooking

## Publications:

1. Del Carlo, D., Hinkhouse, H., Isbell, L. (2010). Developing a reflective practitioner through the connection between educational research and reflective practice. *Journal of Science Education and Technology*, 19(1), 58-68. Available on-line June 16, 2009.

2. Hinkhouse, H., Del Carlo, D., Isbell, L. (2008). Undergraduate research in chemistry: A comparison of two case-studies. *The Chemical Educator* 13(6), 381-391.

## Awards:

April 25, 2011 Yager Award for Exemplary Science Teaching