

CURRICULUM VITAE

Jane Smith

University of Notre Dame
Department of Biological Sciences
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EDUCATION

- Aug 2008 – May 2012 B.S., Biology, Moravian College, Bethlehem, PA
Research advisor – Elizabeth Pittner, Professor of Biology
- Aug 2012 – present Ph.D., Biology, Graduate Program in the Department of Biological Sciences
University of Notre Dame, Notre Dame, IN

RESEARCH EXPERIENCE

- May 2010 – Aug 2010 Research Experience for Undergraduates, National Science Foundation,
Lab of Samantha Stevens, Ph.D., Lehigh University, Bethlehem, PA
Analysis of sexual dimorphism of fishes
- Sept 2011 – May 2012 Independent Undergraduate Research,
Lab of Richard Castle, Ph.D., Moravian College, Bethlehem, PA
*Development of the chick myocardium: analysis using transmission electron
microscopy*
- Aug 2012 – present Doctoral Research,
Lab of Rebecca Wingert, Ph.D., University of Notre Dame
Genetic analysis of nephron development using the zebrafish

HONORS and AWARDS

- 2008 – 2012 Dean's List (7 semesters), Moravian College, Bethlehem, PA
- 2012 Magna Cum Laude, B.S., Moravian College, Bethlehem, PA

PROFESSIONAL SOCIETIES

- 2010 – present Society for Developmental Biology, Student Member

PUBLICATIONS (REFERREED)

ORIGINAL RESEARCH ARTICLES

1. **Smith J**, Castle R. 2013. Development of the chick heart. *Dev Biol* **(In press)**

INVITED REVIEWS, BOOK CHAPTERS, EDITORIALS

2. **Smith J**, Castle R. 2012. Recent advances in understanding the morphology of avian heart development. *NOVA Science Publishers, New York*. **(In press)**

ORAL PRESENTATIONS

1. **Smith J**. Formation of the chick heart: research design and initial observations. Department of Biology Monthly Research Seminar. Moravian College. March 15, 2012.

POSTER PRESENTATIONS

1. **Smith J**, Stevens S. 2011. *Analysis of sexual dimorphism of fishes*. Lehigh University Summer Research Symposium. August 2, 2012

2. **Smith J**, Stevens S. 2011. *Analysis of sexual dimorphism of fishes*. Moravian College Research Symposium. September 20, 2012

TEACHING EXPERIENCE

Genetics Lab Teaching Assistant, Moravian College – Assisted with weekly laboratory experiments; taught chick egg dissections (3 hours/week) (Jan – May 2011)

REFERENCES

Rebecca A. Wingert, Ph.D., Department of Biological Sciences, University of Notre Dame, IN

Samantha Stevens, Ph.D., Department of Biology, Lehigh University, Bethlehem, PA

Richard Castle, Ph.D., Department of Biology Moravian College, Bethlehem, PA