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Ph.D. in Biology, May 2005

B.A. in Biology with Honors, May 2000

July 2007 present Assistant Professor of Biology

September 2005 June 2007

Advisor: Dr. Alexa Bely

Postdoctoral Researcher: Asexual and Regenerative Development in Oligochaetes.

September 2000 May 2005

Advisor: Dr. John Finnerty

Dissertation project: Comparable Deployment of Regulatory Genes across

Nematostella vectensis Developmental Trajectories

September 2000 May 2005

Position: Teaching Fellow

Courses: BI107, BI108, BI109 (Honors): Introductory Biology

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- Harmon,* S, Stefanik, D, and Burton, P. 2010. How many mouths are too many? Induction of oral fates in the cnidarian Nematostella vectensis. Society for Integrative and Comparative Biology
- Burton, P, Vick,* M, and Finnerty, J. 2009. Novel developmental mechanisms among embryogenesis, asexual fission, and regeneration in *Nematostella vectensis*. European Society for Evolutionary Biology.
- Harmon,* S, Vick,* M, Tritle,* B, and Burton, P. 2009. Cell Death and Division during Regeneration in the Sea Anemone Nematostella. Society for Integrative and Comparative Biology.
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- Burton, P, Pang, K, Krone, C, Martindale, M and Finnerty, J. 2004. *Nematostella*: A Model Outgroup for Bilaterian Evolution. Society for Developmental Biology.
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- * Wabash Student
 - Investigating the cellular and molecular mechanisms across embryogenesis, regeneration, and asexual reproduction in the cnidarian *Nematostella vectensis*. National Institute of Health, Enhancing Developmental Biology Research at Undergraduate Institutions. May, 2010. \$355,188. *Not funded*.
 - Sigma Xi Grants in Aid of Research, 2003. Funded
 - Faculty Development, Wabash College, 2011 for attendance of Developmental Biology Teaching Workshop, Darling Marine Center, University of Maine, June 2011.
 - Faculty Development, Wabash College, 2010 for attendance at The Council on Undergraduate Research Proposal Writing Institute, July 2010.

 - Belmarich Award, 2005 for the Most Outstanding Doctoral Work in the Biological Sciences, Boston University
 - Poster Competition, 3rd Place. 2003. Regional Meeting of the Society for Dev. Biol.
 - Emerging Collector Award. 2003. Blackmon Book Collection Contest, Boston University. *for a collection of* first edition books on the Theory of Evolution.
 - Swain Award for outstanding performance on the Qualifying Examination, 2002.
 - Boston University Teaching Fellowships 2000-2005
 - Society of Integrative and Comparative Biology
 - Society for Developmental Biology
 - Sigma Xi