

**The University of Kansas Biological Sciences
BIOLOGY HONORS RECIPIENTS 2012**

| HONORS RECIPIENT | THESIS TITLE | MENTOR |
|-------------------------|--|---------------------------------------|
| John Crawl | The Identification of 13 <i>C.elegans</i> Mutants with Altered Localization of Seipin: a Protein Required For Fat Storage. | Ho Yi Ma |
| Fabio Diaz | Biochemical and Genetic Characterization of a Pigmentation Mutation in Monarch Butterflies (<i>Danaus plexippus</i>) | Mark Richter & Orley R. Taylor Jr. |
| Joel Finney | Exploring a Putative Prolyl 4-Hydroxylase from <i>Bacillus anthracis</i> as a Model for Human Collagen Prolyl 4-Hydroxylase Type I. | Minae Mure |
| Paige Monnet | The Use of Synthetic Drugs to Relax Thromboxane A₂-Induced Constriction of Blood Vessels. | James Orr |
| Marissa Pelot | Temporal Analysis of Double Strand DNA Breaks in Meiotic Prophase Heterochromatin. | Scott Hawley |
| Rhea Richardson | Evaluating the Use of DNA Sequences for Species Identification in Medusozoans (Phylum Cnidaria) | Paulyn Cartwright |
| Tiffany Lau | Testing for structure based chemical rescue in a Bcl-2 family protein. | John Karanicolas |