



Spring 2007 BSES Senior Research Symposium

19 April, 2007

7:00 -8:30 PM

Geology Building, Room 143

7:00-7:10 Welcome and introductory remarks

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| 7:10-7:25 | Wesley A. Bickford | Allocation of ^{14}C Carbohydrate by the Venus Fly Trap (<i>Dionaea muscipula</i>) between Heterotrophic and Autotrophic Sources | Advisor: Maxine A. Watson, Biology |
| 7:25-7:40 | Maeghan Brass | A Glance at the Effects of Climate Change on Polar Bears and The Effects of a “Sealsicle” as Enrichment in Captive Polar Bears | Advisor: Eduardo Fernandez, Psych. and Vicky Meretsky, SPEA |
| 7:40-7:55 | David Grunat | Landfill to Septic Field: A study of the use of tire chips in septic system absorption fields | Advisor: Greg Olyphant, Geol. Sci. |
| 7:55-8:10 | Frederick Menigat | Primary productivity in Jack’s Defeat Creek, Indiana, and its effect on water chemistry | Advisor: Todd Royer, SPEA |
| 8:10-8:25 | Jeffery Olyphant | The effects of a constructed wetland treatment cell on the elevated <i>Escherichia coli</i> concentrations found within a tributary branch of Dunes Creek, Northwest Indiana. | Advisor: Greg Olyphant, Geol. Sci. |