

STUDENT-FACULTY DEVELOPMENT ENDOWMENT FUND AWARD RECIPIENTS

The Office of Faculty Development is pleased to announce that nine student-faculty learning partnership teams are receiving Student-Faculty Development Endowment Fund awards in the amount of \$1,000.00 for the 2009-2010 academic year:

Ms. Kimberly Kiel, Senior Biology Major

Ms. Brienne Oehlke, Senior Biology Major

Dr. Deborah Anderson, Associate Professor of Biology

Support for a project to revise the alpha taxonomy for *Paramys* and *Sciuravis* to establish biodiversity levels for a comparison of evolutionary changes over time, and to identify effects of past global warming events to predict how biodiversity might be affected in the future. The results will be used to describe variation and systematic diversity of the early and middle Eocene rodents of Wyoming.

Ms. Ashley Ash, Senior Biology Major

Dr. David Bailey, Assistant Professor of Biology

Support for a project to study the extent of hippocampal cell death and concurrent spatial memory function following corticosterone treatment in female zebra finches. This project will supplement prior work that indicated vulnerability of neurons in the zebra finch hippocampus to glucocorticoid neurotoxicity.

Mr. Chase Brosseau, Sophomore Biology Major

Dr. Anindo Choudhury, Associate Professor of Biology and Environmental Science

Support for a project to study the systematics and biogeography of parasites of freshwater fishes in Panama, and their role in addressing biogeographical patterns on a broader scale in relation to the Great American Biotic Interchange.

Ms. Lyssa Haase, Junior Psychology Major

Ms. Brittany Hanke, Senior Psychology and Sociology Major

Ms. Sarah VanSchyndel, Junior Psychology Major

Dr. Ashley Hill-Söderlund, Assistant Professor of Psychology

Support for a project to observe strategies that four and five year old children use during challenging tasks to help them meet a higher goal. Once these strategies are identified, relationships among strategies, child's performance, and parenting measures will be explored to discover new knowledge about early emotional development in young children.

Ms. Renee Wenig, Junior Biology and Mathematics Major

Dr. David Hunnicutt, Assistant Professor of Biology

Support for a project to study nasal carriage of *Staphylococcus aureus* at St. Norbert College. The project will include taking nasal swabs from a sample of students who will also fill out an anonymous questionnaire. The data will be analyzed to compare it to current research to determine current risk factors.

Ms. Gretchen Panzer, Sophomore English, and Women's and Gender Studies Major

Dr. John Pennington, Professor of English

Support for a project to complete an international research database for the study of George MacDonald (1824-1905), Victorian author, who wrote in a variety of genres. This database will be available on the St. Norbert College website and linked to the MLA International Bibliography and the Victorian Web, becoming the most comprehensive database on MacDonald scholarship. A critical article about the history of MacDonald criticism will be written to conclude the project.

Mr. Adam Van Fossen, Senior Communication Major

Mr. Shane Rocheleau, Assistant Professor of Art

Support for a project to edit over 1,200 photographs, taken by the student in West Africa, to create an exhibition of about 15-20 photographs exploring various themes.

Mr. William Lancelle, Junior Physics and Mathematics Major

Dr. Takamasa Takahashi, Assistant Professor of Physics

Support for a project to model the galactic rotation curve by modifying the inverse square law of gravitation without invoking dark matter.

Mr. Rongyi Du, Senior Mathematics Major

Dr. Takamasa Takahashi, Assistant Professor of Physics

Support for a project to calculate the general relativistic time delay of light propagation by use of the optical analogy method for a simpler understanding of light propagation in a gravitational field.