

University of Michigan-Dearborn Inquiry Institute Action Research Projects

Michigan Undergraduate Research Forum

Several undergraduate projects have been selected for presentation at the Michigan Undergraduate Research Forum (MURF) held in Lansing, MI.

- Chick, K., Rzemien, C. & Selameh, F. "Using models to address student misconceptions about food chains and webs." Presented March 28, 2007. Faculty advisor-Dr. Susan Everett
- Crunk, K. & Currado, C. "Addressing elementary students' misconceptions about magnetism." Presented May 20, 2008. Faculty advisor-Dr. Susan Everett
- Kessell, E., O'Malley, K., & Piechocki, J. "Evaporation: An action research project." Presented March 23, 2005. Faculty advisor-Dr. Susan Everett
- Spada, K., Hopper, M. & Popovski, G. "Teaching the particulate model of matter effectively." Presented May 20, 2008. Faculty advisor-Dr. Gail Luera
- Woo-Lee, R., Hamadi, M. & Neimiec, T. "Investigating the impact of inquiry teaching on elementary students' knowledge on sedimentary rocks and erosion." Presented March, 2006. Faculty advisor-Dr. Gail Luera

Meeting of Minds

Several groups of students have presented their action research projects at the annual Meeting of Minds Undergraduate Conference.

- Ahmed, S., Brevik, E. & Mohamed, H. "Action research report: The water cycle." Presented May, 2004. Faculty advisor-Dr. Gail Luera
- Calhoun, B. & Koszela, J. "Relative size of the Sun, Earth and Moon." Presented May, 2005.
- Fisher, P. & Hayden, M. "Dinosaurs big and small, an action research project." Presented May, 2004. Faculty advisor-Dr. Gail Luera
- Gilbert, K. & Beckstrom, A. "Kindergartners' misconceptions about scale." Presented May, 2003. Faculty advisors-Dr. Gail Luera and Judy Nesmith
- Golembiewski, C. & London, C. "Action research on the Earth-Sun-Moon system." Presented May, 2005. Faculty advisor-Dr. Gail Luera
- Guichard-Wojcik, M., Daly, C. & Silmi, A. "Action research project: The effects of inquiry-based science lessons on kindergarten students' knowledge of characteristics of life." Presented May, 2005. Faculty advisors-Dr. Gail Luera and Dr. Charlotte Otto
- Mason, H., Borwn-Struthers, S. & Clancy, H. "Magnet misconceptions." Presented May, 2003. Faculty advisors-Dr. Gail Luera and Judy Nesmith
- Miller, M., Banks, D. & Guerra-Lawton, B. "Action research project on the human circulatory system." Presented May, 2005. Faculty advisor-Dr. Susan Everett

- Popovski, G., Spada, K. & Hopper, M. "Elementary students' understanding of particulate models." Presented May, 2008. Faculty advisor-Dr. Gail Luera
- Reynolds, E., Brown, D. & Sauve, L. "Using Models to Correct Misconceptions about Plate Tectonics." Presented May, 2005. Faculty advisors-Dr. Gail Luera and Dr. Charlotte Otto