

Currently Funded Grants

“Integrative Graduate Education and Research Training in Biosphere-Atmosphere Interactions: Phase II.” Submitted to the National Science Foundation IGERT Program. August 2005 to July 2011. Co-PI with Mary Anne Carroll (PI and Project Director), Steven Bertman, Peter Curtis, and Knute Nadelhoffer. **\$3,011,718.**

“Biosphere-Atmosphere Interactions in a Changing Global Environment.” Funded by the National Science Foundation, Research Experiences for Undergraduates Program. March 2009 to February 2014. Co-PI with Mary Anne Carroll. **\$630,602.**

“What Science is Doing to Save the Planet.” Funded by the National Science Foundation, Course, Curriculum and Laboratory Improvement (CCLI) Program. July 2009 to June 2011. Co-PI with Chuck Ide (PI) and Toni Woolfork-Barnes. **\$149,951.**

Previously Funded Grants

“Biosphere-Atmosphere Interactions in a Changing Global Environment.” Funded by the National Science Foundation, Research Experiences for Undergraduates Program. March 2005 to February 2008. Co-PI with Knute Nadelhoffer (PI) and Mary Anne Carroll. **\$368,368.**

“Integrative Graduate Education and Research Training in Biosphere-Atmosphere Interactions.” Funded by the National Science Foundation IGERT Program. September 1999 to July 2005. Co-PI with Mary Anne Carroll (PI and Project Director), Steven Bertman, Hans Peter Smidt, and Peter Curtis. **\$3,074,587.**

“Effects of Elevated Atmospheric CO₂ on Grasses and Their Insect Herbivores.” Funded by United States Department of Agriculture, National Competitive Grants Research Initiative Program. October 2000 to September 2004. Co-PI with Raymond Barbehenn. **\$200,000.**

“Establishing a Research Culture in Introductory Biology.” Funded by the National Science Foundation Instrumentation and Laboratory Improvement Program, with match from Western Michigan University. May 1998 to May 2002. Project Director and PI with co-PI David Cowan. **\$136,221.**

“Undergraduate Research Experience in Field Ecology at the University of Michigan Biological Station.” Funded by the National Science Foundation, Research Experiences for Undergraduates Program. May 1998 to May 2002. Co-PI with James Teeri. **\$150,000.**

“Effects of Increasing Atmospheric Carbon Dioxide Within Two Multiple Trophic Level Systems.” Funded by the National Science Foundation, Ecology Panel. June 1996 to June 2000. Sole PI. **\$105,000.**

“Comparative Effects of Elevated Atmospheric Carbon Dioxide on Legume and Non-legume Multiple Trophic Level Systems.” Funded by United States Department of Agriculture, National Competitive Grants Research Initiative Program. October 1995 to September 1999. Sole PI. **\$105,000.**

“Undergraduate Research Experience in Field Biology.” Funded by the National Science Foundation, Research Experiences for Undergraduates. May 1994 to May 1997. Co-PI with James Teeri and Ted Anderson. **\$154,000.**