

This is the final technical report for the below request for partial support for domestic travel for participants in the Environmental Virology Workshop, 6-12 Jan 2013, Biosphere 2, Tucson, Arizona (grant #DE-SC0009355).

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A total of 66 researchers participated in this workshop, including 44 attendees, 3 program officers from private and federal funding agencies, and 19 workshop teachers. The workshop was incredibly productive and focused on identifying knowledge-gaps critical for predictive modeling, and developing the framework (experimental, informatic, theoretical) needed to obtain the data. All attendees developed a strong foundation in cutting-edge methods and a network of researchers that are now aiding in advancing environmental virology research. To more broadly reach Environmental Virologists, a subset of the attendees, led by PI Sullivan, proposed and ran a viromics workshop at the American Society of Microbiology meeting in 2014 in Boston, MA where the workshop sold-out. The workshop proposal was accepted again (now led by Sullivan student now faculty, Bonnie Hurwitz) by ASM and is scheduled to occur at the New Orleans meeting in May, 2015. Additionally, PI Sullivan is co-convening a "Viromics: Tools and Concepts" session at the FEMS meeting in the Netherlands in June 2015 to continue getting the word out about Environmental Virology. I wish to thank DOE for their critical support for this workshop, which has helped galvanize the field. A second formal Environmental Virology Workshop is being planned to occur in Scotland in summer 2016, likely held jointly with the Aquatic Virology Workshop.