U.S. Fish and Wildlife Service
2010 White-Nose Syndrome Grants

Development of DNA-based detection techniques capable of differentiating Gd from closely related non-pathogenic Geomyces species
Daniel Lindner, Ph.D., US Forest Service; Andrea Gargas, Ph.D., Symbiology, LLC; Jeffrey T. Foster, Ph.D., Northern Arizona University; Jessie Glaeser, Ph.D., US Forest Service

Total Amount of Request: $231,340

Evaluating the pathogenecity of North American and European strains of Gd in cave bats, tree bats, and other mammalian hibernators
Craig Willis, Ph.D., University of Winnipeg; David Blehert, Ph.D. and Paul Cryan, Ph.D. – US Geological Survey; Vikram Misra, Ph.D., University of Saskatchewan; and DeeAnn Reeder, Ph.D., Bucknell University.

Total amount of the request: $293,701
Total amount of the project: $495,901

Who will survive? Exploring individual, sex, and species differences in susceptibility and resistance to WNS
DeeAnn Reeder, Ph.D., Bucknell University; Craig Willis, Ph.D. and Jens Franck, Ph.D., University of Winnipeg.

Total amount of the request: $415,469
Total amount of project: $551,664

Natural history of Geomyces in cave environments: phylogeny, ecosystem activities, natural and anthropogenic transport
Hazel Barton, Ph.D., Northern Kentucky University

Total amount requested: $271,182

Fine-scale population structure in Gd: fungal genetics for understanding dispersal, transmission, and effects of WNS
Jeffrey Foster, Ph.D., Northern Arizona University

Total amount requested: $142,222

A transcriptome approach to study the host-pathogen interactions in WNS
Donna E. Akiyoshi, Ph.D., Tufts Cummings School of Veterinary Medicine;
Hilary Morrison, Ph.D., The Marine Biological Laboratory; Alison Robbins, DVM, Tufts Cummings School of Veterinary Medicine.

Total amount requested: $222,078