**Educational Enrichment**

The proposed work will provide opportunities for post-doctoral researcher and student (undergraduate and graduate) involvement. PI, Andrew Severin, has two post-doctoral researchers and several undergraduates that will be involved in the data analysis of this project. In addition, data generated from the proposed research will be incorporated into workshops (designed for faculty, staff and post-doctoral researchers) and bioinformatics curriculums (designed for graduate students) currently under development at Iowa State University to provide greater hands-on practical experience related to Next Generation Sequencing data analysis. It is our intention to make these resources available to the public via an online tutorial wiki hosted by ISUGIF. Results from the analyses will also be used to guide restoration efforts for SPECIESNAME; through established ORGNAME outreach efforts, there will be opportunities to educate the public and stakeholders about the restoration efforts and the role of genetic data in helping with these efforts.