

**Conference Presentation:** McClellan, Jennifer A., Camilla J. Bjelland, Aidan N. Casillas, Samuel S. Jacobs, Alyssa J. Topping, and Klein D. VerHill (2018). “Impacts of White-tail Deer on a Lake Michigan Parabolic Dune System.” Annual Meeting of the Michigan Academy of Science, Arts, and Letters, Central Michigan University (Mount Pleasant, MI), 9 March 2018; poster.

**Abstract:** White-tail Deer, *Odocoileus virginianus*, have a significant impact on environments in North America with many populations over the carry capacity of the area. This is the case in PJ Hoffmaster State Park, Michigan, where we investigated a large parabolic dune system to determine where deer have the most impact. We mapped individual tracks, scat and trails with Trimble GPS units, and areas were visually assessed for the impacts of deer. In areas with deer evidence, vegetation quality was noted within quadrats.