

Student Rep—Nathan Ketelhut



Nathan Ketelhut is a Master's student in the Integrative Neurophysiology Lab at Colorado State University in Fort Collins, CO studying under the direction of Dr. Thorsten Rudroff. He graduated with his Bachelor's in Exercise and Sports Science from Oregon State University, where he worked in the Health Promotion for People with Disabilities lab under the direction of Dr. Simon Driver. During this time he educated patients with multiple sclerosis on the benefits of exercise as well as strategies to effectively overcome barriers to physical activity. Nathan was awarded a 2015 RMACSM Student Research Grant on the functional predictors of physical activity levels in patients with multiple sclerosis, which he is currently completing as his master's thesis. During his time as a master's student, Nathan has published 2 manuscripts, 1 as a first author, and currently has a third under review. He has presented his research on the use of Positron Emission Tomography to investigate skeletal muscle activity in patients with multiple sclerosis at the ACSM annual meeting, the American Congress of Rehabilitation Medicine international meeting, and several regional meetings throughout Colorado. Nathan will begin his doctoral work in the Integrative Neurophysiology Lab at CSU in the fall of 2016, and plans to complete his dissertation on the regulation of blood flow and its contribution to fatigue in patients with multiple sclerosis.