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Dr. Seifert received a Bachelor of Science in Mechanical Engineering from South Dakota School of Mines and Technology in 2019 and a Doctorate of Philosophy in Biomedical Engineering with an emphasis on biomechanics from Marquette University and Medical College of Wisconsin in 2025.

During his doctoral studies Dr. Seifert was a member of the Neuroscience Research Labs at Medical College of Wisconsin, where his doctoral research focused on spine injury biomechanics, experimentally characterizing how long duration cyclic loading affects the integrity of soft tissue of the intervertebral disc. In addition to his thesis work, Dr. Seifert conducted research on sport related concussion mechanisms as a part of the CARE Consortium, the largest ever study on sport related concussion, high-rate material properties of thoracoabdominal tissue, and organ injury tolerance during behind armor blunt impact events.

Dr. Seifert has presented his research at numerous international conferences and has authored and co-authored scientific papers on topics involving spine injury biomechanics, sport related concussion, high-rate material properties, and blunt impact injury tolerances including publications in the *Journal of Biomechanical Engineering*, *Frontiers in Behavioral Neuroscience*, and *Annals of Biomedical Engineering*.

- Doctor of Philosophy (PhD) Biomedical Engineering – Marquette University and Medical College of Wisconsin
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