

## **Drs. Guilherme Garcia & Brian Stemper Awarded Grants by Advancing a Healthier Wisconsin (AHW) Endowment**

The Advancing a Healthier Wisconsin Endowment (AHW) has announced the award of more than \$3.1 million to five community health initiatives and six health research projects aimed at improving health for residents statewide.

“From cells to society, the Advancing a Healthier Wisconsin Endowment is working to propel promising work and ideas that support a healthier Wisconsin today, and for generations to come,” said Cheryl A. Maurana, PhD, founding director of the Advancing a Healthier Wisconsin Endowment at the Medical College of Wisconsin.

“Through these awards, we are excited to advance research that can improve lives and help partners create real, positive change in communities statewide.” “We congratulate these research partners and community coalitions on their exciting proposals and look forward to working with them to develop new knowledge and build systems that can make good health possible,” added Dr. Maurana.

Biomedical Engineering faculty members, Drs. Guilherme Garcia and Brian Stemper will begin their work in January 2019 on the following projects:

### **Determining the Phenotype of Airway Collapse in Obstructive Sleep Apnea (\$200,000)**

Led by Guilherme Garcia, PhD, this \$200,000 award will support a team seeking to develop methods to detect the most common contributor to obstructive sleep apnea to drive better diagnosis and treatment identification for patients.

### **Mechanisms of Accumulating Damage from Repetitive Subconcussive Head Impacts in Contact Sports (\$199,022)**

Through a \$199,022 award led by Brian D. Stemper, PhD, investigators will study repetitive head impacts sustained during sports participation to develop new knowledge around how repetitive, subconcussive head impacts may result in accumulating brain damage and identify new preventive measures.

For more information about AHW, visit [ahwendowment.org](http://ahwendowment.org).