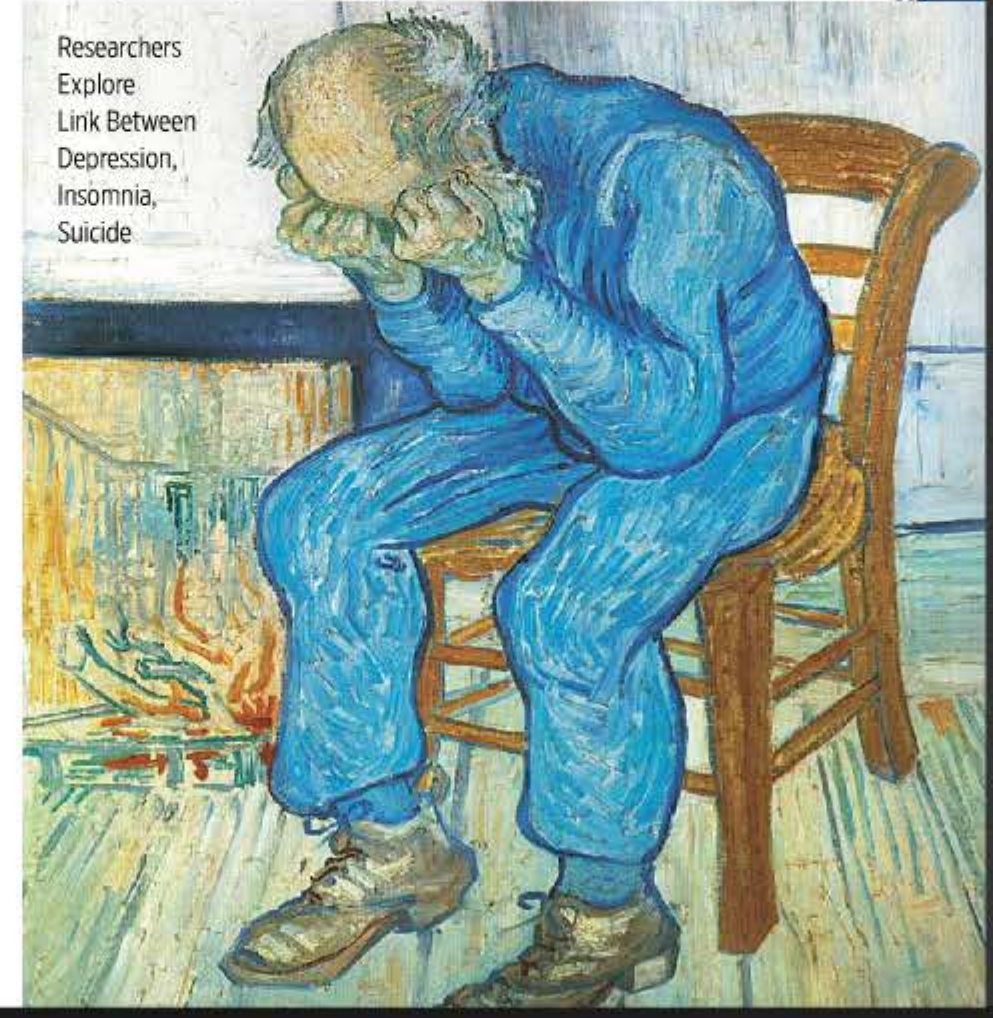


Conquering the Nightmare

Researchers
Explore
Link Between
Depression,
Insomnia,
Suicide





Multidisciplinary Momentum

SOME GRU SCIENTISTS have gotten a head start on the countless new multidisciplinary research avenues created by consolidation.

For instance, Dr. Jay Hedge, Assistant Professor of Ophthalmology, teamed with student Karin Hauffen last spring to analyze vision and perception in primates. Hauffen, a management information systems major, completed 180 hours in his lab as a computer programmer. His software included MATLAB, a program for algorithm development and data analysis, and Presentation, software used in psychological experiments.

"When I began interning in the lab, I had absolutely no experience with the software or hardware technologies used in Dr. Hegdé's research," Hauffen said. "Although it felt like a daunting task at first to write code for each experiment, Dr. Hegdé offered plenty of advice and helped make each project more manageable."

The resulting research—including the simulation of morphogenesis and phylogenesis to study object recognition and perceptual learning in humans, was featured in the *Journal of Visualized Experiments* and *PLoS ONE*.

The Hull College of Business named Hauffen a 2010-2011 Hull Scholar. ♦

DR. JAY HEDGE, right, with KARIN HAUFFEN