University of Missouri researcher
Dr. Daniel Davis makes medical
discoveries – and helps other
scientists do the same.

Davis has spent most of his scientific career focusing
on cutting-edge molecular biology and genome
editing technology.

As Assistant Director of the MU Animal Modeling
Core, Davis oversees operations of this important
campus resource. He lends his expertise in using
state-of-the-art methods to generate and characterize
genetically engineered animal models to help
investigators both at MU and at other institutions
study gene function and various human disorders.
Davis provides expertise working with a variety of
animal models ranging from rodents to zebrafish.

Along with his administrative duties, Davis conducts
collaborative research. He was part of a team which
demonstrated that probiotics such as those found in
yogurt could help relieve physiological reactions that
commonly occur with stress. Other topics Davis has
investigated include examining factors that might
cause gastrointestinal symptoms in children and
adults with autism spectrum disorder. Additionally,
by studying socially-isolated mice, he demonstrated
that a dietary supplement called DHA could reduce
behaviors associated with depression and anxiety. His
findings related to these and other projects have been
published in the *Journal of Biomedical Nanotechnology*,
*eLife*, *Scientific Reports*, *Brain Behavior and Immunity* and
other leading scientific journals.

Dr. Daniel Davis is assistant director of the Animal
Modeling Core at the University of Missouri.