NSF & OHIO

In Fiscal Year (FY) 2018, the National Science Foundation made $185,471,000 in awards to Ohio in support of fundamental research, advanced technical education, entrepreneurial training, STEM teacher training, long-term ecological monitoring, small business development, major research instrumentation and more.

DID YOU KNOW?

DISCOVERY | A dinosaur that wore its “heart” on its tail is providing new clues to how ecosystems evolved on the African continent during the Cretaceous Period some 100 million years ago, according to a team of researchers at Ohio University. The team reported the new species of dinosaur in a paper published in February 2019. The dinosaur, the third found in southwestern Tanzania by the scientists, is a large, long-necked titanosaur, a type of sauropod. The dinosaur is named *Mnyamawamtuka moyowamkia* (Mm-nya-ma-wah-mm-too-ka mm-oh-yo-wa-mm-key-ah), derived from the Swahili term for “animal of the Mtuka (with) a heart-shaped tail, in reference to the riverbed (Mtuka) in which it was discovered and the unique shape of its tail bones.

STEM WORKFORCE DEVELOPMENT | Columbus State Community College has received three awards totaling $1,406,408 in FY 2018 under NSF’s Advanced Technological Education (ATE) program. With an emphasis on two-year institutions of higher education, the ATE program focuses on the education of technicians for the high-technology fields that drive the nation’s economy.

SUPPORTING STUDENTS | NSF made $2,244,834 in awards in FY 2018 in support of Ohio’s graduate students through its flagship Graduate Research Fellowship Program, which supports students pursuing master’s and doctoral degrees in STEM disciplines.

SCIENCE & ENGINEERING INDICATORS | 4.64 percent of the Ohio workforce is employed in S&E occupations, as of 2017, and 8.14 percent of Ohio’s business establishments are industries with high employment in science, engineering and technology occupations.*

ENTREPRENEURIAL TRAINING | The NSF Innovation Corps (I-Corps) program prepares scientists and engineers to extend their focus beyond the university laboratory and accelerates the economic and societal benefits of NSF-funded basic research projects that are ready to move toward commercialization. Through I-Corps, NSF grantees learn to identify valuable product opportunities that can emerge from academic research and gain skills in entrepreneurship through training in customer discovery and guidance from established entrepreneurs. The state of Ohio was the first state to launch I-Corps@Ohio, where state funds are used to support Ohio university-based teams to go through the I-Corps program.