Agency:	National Science Foundation
Activation Amount:	\$55,270
Personnel:	PI - Ambareen Siraj Co-PI - Mohammad Rahman Co-PI - Douglas Talbert
Agency:	IREX
Activation Amount:	\$3,945
Personnel:	PI - Tania Datta
Agency:	National Science Foundation
Activation Amount:	\$52,693
Personnel:	PI - Ambareen Siraj
Agency:	Tennessee Department of Education
Activation Amount:	\$136,890
Personnel:	PI - Martha Howard
Agency:	Tennessee Wildlife Resources Agency
Activation Amount:	\$13,834
Personnel:	PI - Carla Hurt
Agency:	Tennessee Wildlife Resources Agency
Activation Amount:	\$2,000
Personnel:	PI - Steven Hayslette
Agency:	U.S. Fish and Wildlife Service
Activation Amount:	\$129,690
Personnel:	PI - Hayden Mattingly Co-PI - W. Keith Gibbs Co-PI - Justin Murdock Co-PI - Christopher Wheeler

Agency:	Economic Development Administration
Activation Amount:	\$118,000
Personnel:	PI - Michael Aikens Co-PI - Tom Brewer
Agency:	Denso North America Foundation
Activation Amount:	\$30,000
Personnel:	PI - Pingen Chen
Agency:	National Institute of Health
Activation Amount:	\$135,561
Personnel:	PI - Steven Anton
Agency:	Tennessee Board of Regents
Activation Amount:	\$24,960
Personnel:	PI - Mike Gotcher Co-PI - Tammy Keylon Co-PI - Lizabeth Mullens Co-PI - Kevin Liska Co-PI - Jeannie Smith
Agency:	Tennessee Board of Regents
Activation Amount:	\$34,969
Personnel:	PI - Elizabeth Powell Co-PI - Harry Ingle
Agency:	Tennessee Wildlife Resources Agency
Activation Amount:	\$134,066
Personnel:	PI - Mark Rogers
	Co-PI - Phillip Bettoli
Agency:	National Science Foundation
Activation Amount:	\$39,849
Personnel:	PI - Mary Kidd

Agency:	Air Force Office of Scientific Research
Activation Amount:	\$120,000
Personnel:	PI - Steven Anton
Agency:	Tennessee Department of Health
Activation Amount:	\$165,951
Personnel:	PI - Kimberly Hanna Co-PI - Toni Roberts Co-PI - Shelia Hurley Co-PI - Jason Hurley Co-PI - George Chitiyo Co-PI - Emily Lee Co-PI - Barbara Jared Co-PI - Ann Hellman
Agency:	Tennessee Wildlife Resources Agency
Activation Amount:	\$10,683
Personnel:	PI - Brian Carver
Agency:	Tennessee Higher Education Commission
Activation Amount:	\$944,500
Personnel:	PI - Satish Mahajan
State appropriation for 20	018-19
Agency:	Tennessee Department of Agriculture
Activation Amount:	\$90,000
Personnel:	PI - Kevin Liska
Agency:	Water Authority of Dickson County
Activation Amount:	\$70,981
Personnel:	PI - Tania Datta Co-PI - Alfred Kalyanapu
Agency:	The University of Tennessee Center for Industrial Services
Activation Amount:	\$15,000
Personnel:	PI - Meenakshi Sundaram

Project Title:	Center for the Management, Utilization and Protection of Water Resources 2018-19
Agency:	Tennessee Higher Education Commission
Activation Amount:	\$1,194,800
Personnel:	PI - Justin Murdock
State appropriation for 20	18-19
Project Title:	Center for Manufacturing Research State Appropriation 2018-19
Agency:	Tennessee Higher Education Commission
Activation Amount:	\$1,541,400
Personnel:	PI - Ying Zhang
State appropriation for 20	18-19
Agency:	Tennessee Department of Education
Activation Amount:	\$55,604
Personnel:	PI - O. P. McCubbins
Agency:	American Lightweight Manufacturing Innovation Institute
Activation Amount:	\$105,000
Personnel:	PI - Kevin Liska
Agency:	Tennessee Wildlife Resources Agency
Activation Amount:	\$66,000
Personnel:	PI - Mark Rogers
Agency:	Putnam County Schools
Activation Amount:	\$86,764
Personnel:	PI - Martha Howard
Agency:	Tennessee Wildlife Resources Agency
Activation Amount:	\$40,000
Personnel:	PI - Mark Rogers

Agency: Activation Amount: Personnel:	Tennessee Wildlife Resources Agency \$30,000 PI - Mark Rogers Co-PI - Phillip Bettoli
Agency: Activation Amount:	Tennessee State University (via TDHHS) \$111,000
Personnel:	PI - Melinda Anderson