

Fiscal Year 2013 Ohio Third Frontier Technology Validation and Start-up Fund Cycle 3 Phase 1 Proposals Received

Proposal #	Lead Applicant	Title	State Funds Requested	Cost Share	Total Budget
13-501	Cleveland Clinic	<i>Reinforced Extracellular Matrix Device for Ventral Hernia Repair</i>	\$50,000	\$50,000	\$100,000
13-502	Cincinnati Children's Hospital Medical Center	<i>Antibody for Prevention of Catheter Line Infection and Biofilm Growth</i>	\$50,000	\$50,000	\$100,000
13-503	Ohio University	<i>Development of a New Versatile LC/MS Interface via Non-Destructive Mass Spectrometric Sensing</i>	\$50,000	\$50,000	\$100,000
13-504	Ohio University	<i>A Matlab Toolkit for 3D Visualization of Real and Synthetic Flight Data</i>	\$50,000	\$50,000	\$100,000
13-505	Austen BioInnovation Institute in Akron	<i>Digital Dx</i>	\$49,500	\$49,500	\$99,000
13-506	University of Akron	<i>OXAID: Oxygenated Hydrogel Wound Dressings</i>	\$50,000	\$50,000	\$100,000
13-507	University of Akron	<i>Mechanoluminescence (ML) Sensors</i>	\$50,000	\$50,000	\$100,000
13-508	Case Western Reserve University	<i>Replacing Endoscopic Imaging With Non-Invasive Office Based Screening Test for Barrett's Esophagus</i>	\$50,000	\$50,000	\$100,000
13-509	University of Akron	<i>Smart Phone Based Universal Water Quality Sensor</i>	\$50,000	\$50,000	\$100,000
13-510	University of Akron	<i>Osteoporosis Home Screening Kit</i>	\$50,000	\$50,000	\$100,000
13-511	University of Akron	<i>Additively Manufactured Prosthetic Socket Cooling System</i>	\$50,000	\$50,000	\$100,000
13-512	The Ohio State University	<i>Single-Chain Antibodies for Immunohistochemistry Cancer Diagnosis</i>	\$50,000	\$50,000	\$100,000
13-513	The Ohio State University	<i>FleetCalc</i>	\$40,000	\$40,000	\$80,000
13-514	Case Western Reserve University	<i>Stonelyzer for Instant Identification of Kidney Stones at the Point of Care</i>	\$32,374	\$32,374	\$64,748
13-515	Kent State	<i>End-Effector and Robot Workcell for Automated Assembly of Fuel Cell Stacks Using Robotic Technology</i>	\$26,616	\$26,616	\$53,232
13-516	Cleveland Clinic	<i>Endovascular IOPS: Validation of Dual-Modality Registration Markers</i>	\$50,000	\$50,000	\$100,000
13-517	Cleveland Clinic	<i>Coronary Chronic Total Occlusion Guidewire Family to Treat Coronary Artery Disease</i>	\$50,000	\$50,000	\$100,000
13-518	Cleveland Clinic	<i>Multidisciplinary Patient Management Conferences</i>	\$50,000	\$50,000	\$100,000
13-519	Case Western Reserve University	<i>Software Suite for Diagnostic Imaging of the Retina by Two-Photon Florescence Microscopy</i>	\$50,000	\$50,000	\$100,000
13-520	Case Western Reserve University	<i>Development of Novel Tools for Health IT - COBALT</i>	\$50,000	\$50,000	\$100,000
13-521	Case Western Reserve University	<i>Trial Prospector: Clinical Trials Matching Application for Oncology</i>	\$50,000	\$50,000	\$100,000

13-522	Kent State	<i>Novel Non-Photobleaching Fluorescent Magnetic Nanoparticles (FL-MNPs) as Advanced Bioimaging Agents</i>	\$49,935	\$49,935	\$99,870
13-523	University of Toledo	<i>Ankle Foot Orthosis Using Shape Memory Alloys for Addressing Drop Foot</i>	\$50,000	\$50,000	\$100,000
13-524	University of Toledo	<i>Development of an Electromagnetic Antifouling Composite Coating</i>	\$45,000	\$45,000	\$90,000
13-525	University of Akron	<i>Aqueous Biphasic Tumor Spheroids for Drug Discovery</i>	\$50,000	\$50,000	\$100,000
13-526	Case Western Reserve University	<i>Software for Quantification and Visualization of Intravascular Optical Coherence Tomography</i>	\$50,000	\$50,000	\$100,000
13-527	Kent State	<i>A Platform Technology Based on Biocompatible Liquid Crystal Elastomers</i>	\$41,072	\$41,072	\$82,144
13-528	Kent State	<i>Smart Energy-Saving Liquid Crystal Window</i>	\$35,004	\$35,004	\$70,008