

FY 2010 Ohio Third Frontier Wright Projects Program

Proposals Received

LOI #	OTF Focus Area	Lead Applicant	Collaborators	Project Title	Project Lead	Funds Requested
10-504	Adv Mat	University of Dayton Research Institute 300 College Park Dayton, Ohio 45469-0104	Renegade Materials Corporation Goodrich Aerostructures Group Goodrich Corporation Owens Corning Science & Technology, LLC	<i>Hybrid Fabrics for Multifunctional Composites</i>	Brian P. Rice (937) 229-2519 brian.rice@udri.udayton.edu	\$3,000,000
10-505	Adv Mat	University of Cincinnati 51 Goodman Drive University Hall - Suite 530 Cincinnati, Ohio 45221-0222	SILOAM BIOSCIENCES, INC. Gamma Dynamics, LLC Sun Chemical Corporation EnMonT	<i>The Ohio Center for Microfluidic Innovation (OCMI) - New Products and Competitive Manufacturing Spanning Emerging Biomedical, Electronics, and Sensor Applications</i>	Jason Heikenfeld (513) 556-4763 jason.c.heikenfeld@uc.edu	\$2,956,675
10-506	I,C,E	The University of Akron 302 Buchtel Common Akron, Ohio 44325	Western DataCom Rockwell Automation Western Reserve Controls ADAP Nanotech, LLC	<i>Northeast Ohio Automation Systems Technologies Research Center</i>	Shivakumar Sastry (330) 972-7646 ssastry@uakron.edu	\$1,843,750
10-507	Adv Mat/ICE	The University of Akron 3023 Buchtel Common Akron, Ohio 44325	Mesocoat, Inc. Edison Materials Technology Center	<i>High Power Density Powder Coating System for Infrastructure</i>	Mark Soucek (330) 972-2583 msoucek@uakron.edu	\$3,000,000
10-509	Adv Mat	Stark State College 6200 Frank Avenue NW North Canton, Ohio 44720-7299	Kohler Coating Cargill Incorporated Stark Development Board Neukochen 10 Foltz Machine Palm Group COPAR Corporation	<i>Corrugated Paper Center of Excellence</i>	Dorey Diab (330) 494-6170, ext. 4266 ddiab@starkstate.edu	\$2,870,170
10-510	Adv/Alt Energy	Ohio University 248 Stocker Center Athens, Ohio 45701	Algae Producers of America University of Toledo Center for Innovative Food Technologies Recombinant Innovation, LLC Harrison County Engineer Red Lion Bio-Energy, LLC Midwest Biorenewables, LLC Lubrizol Corporation Independence Bio-Products Tri-County Career Center Parker Hannifin Corporation Univenture, Inc.	<i>Center for Algal Engineering Research and Commercialization</i>	David J. Bayless (740) 331-4536 bayless@ohio.edu	\$2,970,063

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10-511	Adv Mat/Adv Alt Energy/ICE	Wright State University 3640 Colonel Glenn Highway Dayton, Ohio 45435	Wright-Patterson Air Force Research Lab Angstrom Materials EYZtek, Inc. MRlets Technologies, Inc. Ultra Cell Corporation	<i>Center for Nano Graphene Materials and Devices</i>	Yan Zhuang (937) 775-4556 yan.zhuang@wright.edu	\$3,000,000
10-512	Adv/Alt Energy	The Ohio State University Research Foundation 1960 Kenny Road Columbus, Ohio 43210-1063	Orbital Research, Inc. Belcan Engineering Group, Inc. Phillips Electric	<i>Turbine Innovation for Wide Wind Operation</i>	MJ Benzakein 614-292-7699 Benzakein.2@osu.edu	\$2,269,840
10-513	Adv/Alt Energy/ICE	The Ohio State University 1960 Kenny Rd, Columbus, OH 43210	Edison Materials Technology Center (EMTEC) Hull & Associates, Inc. Liebert Corporation GreenField Solar Corporation The Dayton Power and Light Company	<i>Cyber-controlled Microgrid for Intermittent Renewable Power and Storage</i>	Ali Keyhani, Ph.D. 614-292-4430 keyhani.1@osu.edu	\$2,583,194
10-514	Adv Mat/Bio	Case Western Reserve University 10900 Euclid Avenue Wood Room 321 Cleveland, OH 44106	Lakeland Community College ChanTest Copernicus Therapeutics Molecular Research Center, Inc. NeoProteomics, Inc. Best Mode Company GrafTech International Holdings, Inc. Affymetrix, Inc. Stark State College Swagelok Ricerca Biosciences Polgenix, Inc. FEI Company Neurotez	<i>Northern Ohio Structural Laboratories: Advanced Imaging and MicroAnalysis</i>	Krzysztof Palczewski 216-368-4631 kxp65@case.edu	\$3,000,000
10-516	ICE/Adv Prop	The Ohio State University 1960 Kenny Road Columbus, Ohio 43210	GE Aviation Systems Air Force Research Laboratory	<i>Center for High Performance Power Electronics (CHPPE)</i>	Longya Xu (614) 292-6119 xu.12@osu.edu	\$3,000,000
10-517	I C E	Ohio Northern University 525 S. Main Street Ada, OH 45810	American Trim Motoman, Inc. Ohio Energy & Advanced Manufacturing Center GreenField Solar Corporation American Electric Power	<i>Enabling Flexible Fabrication and Robotic Assembly through Agile Manufacturing</i>	Eric T Baumgartner (419) 772-2372 e-baumgartner@onu.edu	\$3,000,000
10-519	Bio	Cleveland Clinic 9500 Euclid Avenue Mail Code ND20 Cleveland, OH 44195	Parker Hannifin Corporation Bertec Corporation Case Western Reserve University Louis Stokes Cleveland VA Medical Center	<i>Clinically Applied Rehabilitation Engineering (CARE) Project</i>	Brian L. Davis (216) 444-1055 davisb3@ccf.org	\$3,000,000

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10-527	Adv/Alt Energy	The Ohio State University 1960 Kenny Rd. Columbus, OH 43210	CAR Technologies, LLC Vanner, Inc. STMicroelectronics, Inc. AeroVironment	<i>Center of Excellence for Energy Storage Technology</i>	Giorgio Rizzoni (614) 688-3856 Rizzoni.1@osu.edu	\$3,000,000
10-530	Adv Mat	National Composite Center 2000 Composite Drive Kettering, OH 45420	GrafTech International Holdings, Inc. Adisco, Inc. University of Cincinnati University of Dayton Research Institute Michelman, Inc. EB Manufacturing	<i>Commercialization of Carbon Fiber for Large Scale Carbon/Graphite Materials Applications</i>	Lisa A. Novelli 937-297-9447 lnovelli@compositecenter.org	\$3,000,000
10-531	Bio	Case Western Reserve University 10900 Euclid Ave Cleveland, OH 44106	Center for Stem Cell & Regenerative Medicine Cleveland Clinic Foundation Cincinnati Children's Medical Center Cleveland Cord Blood Center BioInVision Athersys Perkin Elmer Thermogenesis GE Healthcare Hospira Inc. Lakeland Community College	<i>Development of a Quantitative Analysis System for Stem Cells</i>	Mary Laughlin 216-368-5693 mary.laughlin@case.edu	\$2,697,300
10-534	Adv/Alt Energy	The University of Toledo 2801 West Bancroft Street Mail Stop 218 Toledo, OH 43606	Brush Engineered Materials, Inc. National Exposure Testing	<i>Photovoltaics Commercialization, Research and Education Facility (PCREF)</i>	Michael J. Heben (419) 530-3870 michael.heben@utoledo.edu	\$2,997,655
10-535	Adv Mat	Cuyahoga Community College District 700 Carnegie Avenue Cleveland, OH 44115	Winston Products LLC PolymerOhio	<i>Alternative Materials Product Commercialization and Workforce Training Center</i>	John Gajewski 216-987-3048 john.gajewski@tri-c.edu	\$1,586,998