

FY 09 Seed Fund Awards

Center	Topic	Proposal Title	Center PI	Partner	Partner Address
ARC	Bioanalytical Technologies	Rapid Sample Management and Handling Microfluidics System Development via Femtosecond Laser Micromachining for Biotechnology Nanosatellite Missions	Dr. Antonio J. Ricco 408-460-5666	Raydiance Incorporated	2199 S. McDowell Blvd., Suite 140, Petaluma, California 94954
ARC	Bioanalytical Technologies	Miniaturized Fluorescence Imager for Autonomous In-Situ Biological Space Flight Payloads	John W. Hines 650-604-5538	Heinz Optical Engineering, LLC	5625 Guincho Court, San Diego, California 92124
		Continued from Above		United Science, LLC	15911 Furuby Rd, Center City, Minnesota 55102
GRC	Life Support	Development of an Indexing Media Filtration System for Lunar Dust Removal in Surface System Spacecraft	Juan H. Agui 215-433-8462 Dennis P. Stocker 216-433-2166	AERFIL, LLC	PO Box 41 Liverpool, NY 13088
		Continued from Above		Filtration Group, Inc	912 East Washington St., Joliet, Illinois 60433
GSFC	Cryogenics, Fluids Management	Cryogenic Fuel Gauge for Zero Gravity Environments Using Capacitance Tomography	Lawrence M. Hilliard 301-286-9294 Manohar Deshpande 301-286-2435	National Institute of Standards & Technology (NIST)	100 Bureau Dr. Stop 8230 Gaithersburg, MD 20899
		Continued from Above		Tech4Imaging LLC	5852 Aqua Bay Dr. Columbus, Ohio 43235
JSC	Energy Storage/ Thermal	Thermal Management For Lunar Surface Systems	Dr. Rob Ambrose 281-244-5561 Ryan Stephan 281-483-7182 Rob Kelso 281-483-5483	Carnegie Mellon University	Office of Sponsored Programs 403 Warner Hall, 500 Forbes Ave., Pittsburg, Pennsylvania 15213
		Continued from Above		Lockheed Martin Corporation	P.O. Box 179, Denver, Colorado 80201
		Continued from Above		Astrobotic Technology	4551 Forbes Avenue, Suite 300 Pittsburgh, Pennsylvania 15213
KSC	Bioanalytical Technologies	Real Time Space-Based Monitoring of Radiation Damage to DNA	Howard G. Levine, Ph.D. 321-861-3502 Bruce D. Yost (ARC) 650-604-0681	Louisiana Tech University Institute of Micro- Manufacturing	P.O. Box 10137 Ruston, Louisiana 71272
KSC	Life Support	Vegetable Production System	Raymond M. Wheeler 321-861-2950 Dan Barta (JSC) 281.244.5118	Orbital Technologies Corp.	Mail Stop: KT-B Kennedy Space Center
		Continued from Above		The Bionetics Corp.	Mail Stop: BIO-3 Kennedy Space Center, FL 32899
		Continued from Above		Dynamac Corporation	Mail Code DYN-3 Kennedy Space Center, FL 32899
LaRC	Energy Storage/ Thermal	Optimizing Thermal Management Systems for Lunar Applications	J. W. Connell 757-864-4264 Ryan Stephan (JSC) 281-483-7182	ILC Dover, LP	1 Moonwalker Rd. Fredrica, Delaware 19946
MSFC	Bioanalytical Technologies	Increasing Flight Readiness Level of a Biological Portable Test System	Mike Effinger 256-961-7485	Charles River Laboratories	1023 Wappoo Rd. Charleston, South Carolina 29407