

Directorate	Directorate topic #	Proposal	Student	Faculty	School
HE	HE07-3	Spoken Language Processing	Ilana Bromberg	Chris Brew	OSU
	HE07-9	GPS Based Helmet Video Guidance System	Brad Geltz	James McCollum	MU
	HE07-16	Object Identification with Multi-Sensor Systems	Renee Woodyard	Julie Skipper	WSU
IF	IF07-1	Adaptive Context Information Processing Language	Michael McGrath	Yuan Zheng	OSU
ML	ML07-5	Assessment of Nondestructive Signal Responses from Damaged Materials	Roman Underwood	Som Soni	AFIT
	ML07-3	Materials Design, Preparation, and Evaluation of Power and Energy	Tiffany Hall	Eric Fossum	WSU
	ML07-1	Materials Behavior in III-Nitride Heterojunction Field Effect Transistors	Andrew Malonis	Steven Ringel	OSU
PR	PR07-15	Pulse Detonation Propulsion Research	Andrew Naples	John Yu	OSU
	PR07-4	Design and Analysis of a Variable Geometry Scramjet Flowpath for Space Access Applications	Chris Corbin	Mitch Wolff	WSU

	PR07-16	CFD on Leading Edge Pulsed Film Cooling	Douglas Stenger	Urmila Ghia	UC
SN	SN07-27	Automatic Modulation Recognition Algorithms Applicable to Radar and Communication Signals	Ryan Brown	Zhiqiang Wu	WSU
	SN07-20	Navigation using Optical Tracking of Objects at Unknown Locations	Dustin Bates	Frank van Graas	OU
	SN07-26	Wireless (Mobile) Ad Hoc Network Intelligent Detection and Characterization	Tae Dempsey	Gokhan Sahin	MU
VA	VA07-1	Non-Linear Control of Air-Breathing Hypersonic Aircraft	Alicia Zinnecker	Andrea Serrani	OSU
	VA07-3	Design of Durable Aerospace Structures of Combined, Extreme Environments	George Goley	Amit Shukla	MU
	VA07-2	Separation and Vorticity Transport in Massively-Unsteady Low Reynolds Number Flows	Charles Webb	Haibo Dong and Kenneth Cornelius	WSU