

2012 AFRL/DAGSI Fellowship Awards

RB: Air Vehicles

Majid Sahin and Datta Gaitonde (OSU), sponsor Visbal: Effectiveness of Plasma and Mechanical Actuators in Airfoil Stall Control

Nicholas Ernest and Kelly Cohen (UC), sponsor Schumacher: Planning, Guidance, and Control for Multiple UAV's

RH: Human Effectiveness

Raymond Kulhanek and Shaojun Wang (WSU), sponsors Anderson and Slyh: Composite Language Models of Low Density Languages for Machine Translation

Taylor Edmiston and Soon Chung (WSU), sponsor Schmidt: Information Fusion of Space Data

RX: Materials & Manufacturing

Anne Walker and Gary Wnek (Case Western), sponsor Naik: Multifunctional Enzyme-Entrapped Microfibers

Gregory Loughnane and Ramana Grandhi (WSU), sponsor Turek: Quantifying the Effects of Modeling and Experimental Uncertainties on the Accuracy of 3D Microstructure Characterization

RY: Sensors

Edris Amin and Mohsin Jamali (U. Toledo), sponsor Ewing: GUI Based MIMO Radar Development, Simulation, and Visualization System

Vincent Mancuso and Chi-Hao Cheng (Miami U), sponsor Liou: I/Q Imbalance Compensation for Wideband ELINT Receiver Applications

RZ: Propulsion

Phillip Cooley and Joseph Slater (WSU), sponsor Brown: Fatigue Crack Identification from Nonlinear Spectral Features in Bladed Disks

Geoffrey Cox and Anthony Palazotto (AFIT), sponsor Brown: Structural Dynamics and Mechanics of Turbomachinery Components