



*New Space Grant Consortium
Directors*

2015



Dr. Kevin Crosby



Kevin Crosby has taught physics and astronomy for the past 20 years at both large and small institutions. He led the Carthage microgravity team through nearly a decade of flight campaigns under the Flight Opportunities and Microgravity University programs. and has published several technical reports and *Proceedings* on their work and have worked with PIs at GRC and KSC. More than 30 students have participated in parabolic flights and they've collectively logged nearly 7 hours of zero-g time. These students have gone onto work for ORBITEC, JPL, Space System/Loral, Lockheed Martin, and NASA. I'm particularly proud of the fact that most of the students I've worked with over the years had not considered a career in STEM or space science, but got the space bug after participating in a NASA-sponsored research program.



Ohio Space Grant Consortium

Dr. Ruby Mawasha
Interim Director



Dr. Mawasha received his B.E. degree in Mechanical Engineering from the City University of New York at City College; And M.S. and Ph.D. degrees in Mechanical Engineering from the University of Akron in Ohio. Currently, he serves as an Assistant Dean in the College of Engineering and Computer Science (CECS) at Wright State University (WSU). He is a Fellow of the American Society of Mechanical Engineers, Zone II Chair of American Society for Engineering Education, Registered Professional Engineer (PE) in the State of Ohio, and a PE examiner with the National Council of Examiners for Engineering and Surveying, Mechanical Engineering Exam Board.



NEVADA NASA SPACE GRANT CONSORTIUM

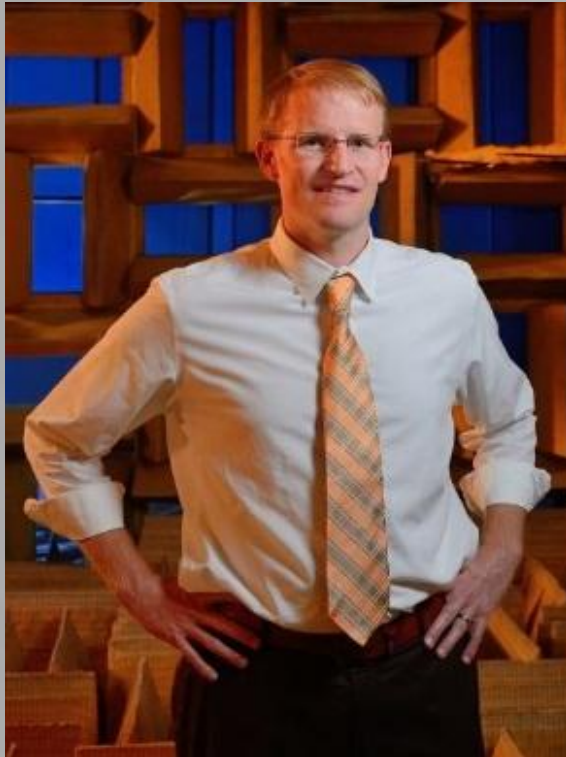


Dr. Fenstermaker has experience and interests in the use of remotely sensed data to assess, map, and monitor the effect of environmental stressors, particularly climate change, on vegetation at small and large scales. Related research has focused on the use of remote sensing to estimate evapotranspiration for riparian and phreatophytic zones. Dr. Fenstermaker is actively involved in two research efforts to examine the potential effects of elevated CO₂ and other global change variables on the Mojave Desert ecosystem. She is the Director of these two statewide research programs and is conducting research using remote sensing and field spectrometry to examine plant responses to climate change treatments.



Dr. Lynn Fenstermaker

Dr. Nathan Murray



Dr. Murray's expertise include the design and construction of wind tunnels for aeroacoustics research, experimental aeroacoustics measurements (PIV, CTA, Schlieren, LDA, LDV, Pressure Sensitive Paint, SRS, Near-Field and Far-Field Acoustic Arrays, Aero-Optics, etc.), and advanced data analysis (Spectral Analysis, Proper Orthogonal Decomposition, Transient Signal Analysis, Stochastic Estimation, PIV Image Processing, etc.). Dr. Murray's current research efforts include Hypersonic Store Separation, Wind Turbine Acoustics and Control, Atmospheric Boundary Layer Dynamics, Jet Noise Reduction, Blade/Vortex Interaction Acoustics, and Sound Propagation and Monitoring





Dr. Greg Guzik

- His research involves experimental and theoretical projects involving solar energetic particles, interplanetary effects, magnetospherically trapped particles, and the origin, acceleration, and transport of the Galactic Cosmic Rays. Greg has been the driving force (or lifting force) for the High Altitude Student Platform (HASP) and the Aerospace Catalyst Experiences for Students (LaACES) at LSU.



Connecticut Space Grant Consortium

Dr. Hisham Alnajjar is Professor of Electrical and Computer Engineering at the University of Hartford, CT. His research interests include signal and image processing including character recognition, sensor array processing, and real-time applications. His focus has always been service to students. He has worked in steadily advancing administrative roles for the past 18 years where he is the Associate Dean of the College Engineering, Technology, and Architecture.

