Lunch 'N Learn
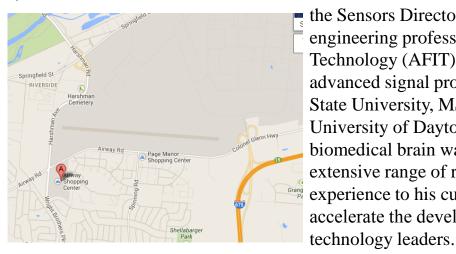### Thursday, 15 August 2013 11:45 AM

"The Discovery Lab"

Guest Speaker:
Dr. Robert Williams
Research Director, Discovery Lab, WBI/AFRL

Location
China Garden Buffet
112 Woodman Dr.
Dayton, OH 45431

Buffet will be available for purchase.

Dr. Rob Williams is with the United States Air Force Research Laboratory (AFRL) and the research director of its AFRL Discovery Lab and the 100-student year-round student internship program called Year-at-the-Edge (YATE). The Discovery Lab and its research internship program has the mission of "...accelerating today's technology innovations while growing tomorrow's technology leaders...". It does this through a research and STEM internship program that reaches across the state and the nation via its Virtual Discovery Center (VDC) with the goal of a 1000-student outreach. The program targets 1st and 2nd year undergraduates to give them what is often their very first serious research experience using project-based learning techniques. This program has recently expanded to high school and to middle school programs with the purpose of increasing the number of young students – to include the under-represented - interested in pursuing STEM careers by giving them real-world mentored research opportunities. Prior to his assignment as the Discovery Lab research director, Dr. Williams was the tech advisor for an AFRL advanced research branch in the Sensors Directorate. Prior to that he was an engineering professor at the Air Force Institute of Technology (AFIT) School of Engineering specializing in advanced signal processing. His BSEE is from Kansas State University, MSEE from AFIT, and his PhD EE from University of Dayton. His dissertation was in specialized biomedical brain wave signal processing. He brings this extensive range of research and technical leadership experience to his current position in order to help accelerate the development of our nation's future technology leaders.