

Dr. Andrew Shepherd serves as the Executive Director and Chief Scientist for Unmanned Aerial Systems at Sinclair College in Dayton, Ohio. With experience in the defense industry and academia focused on modeling and simulation, research, course development, accreditation, instruction, and mentorship, Shepherd offers extensive knowledge in many areas of technology, higher education, and workforce training and development. He serves as the Managing Editor for the Journal of Unmanned Aerial Systems, an Editorial Advisory Board Member for the Two Cultures Journal, the Vice Chairperson of the National Science Foundation Center for UAS Industry Advisory Board, and as a Board Member for the Aviation Trail, a non-profit corporation in partnership with the National Park Service to promote Aviation Heritage in the Dayton region. Named to both Dayton's top 40 Under 40 in 2014 and top 100 Defense and Aerospace Professionals by the Dayton Business Journal in 2014, 2017, and 2018 Shepherd is an active member of his community and broader aerospace industry. He earned his Associate of Applied Science degree in Aviation Technology - Professional Pilot and Airway Science Option - from Sinclair Community College. He went on to Embry-Riddle Aeronautical University where he earned both a Bachelor of Science degree in Professional Aeronautics with dual minors in Management and Aviation Safety and a Master of Aeronautical Science with dual specializations of Space Science and Human Factors in Aviation. He most recently earned a Doctor of Philosophy in Business Administration with a specialization in Management of Engineering and Technology from Northcentral University.