1. NAME

Augustus Morris, Jr., Ph.D., PE.

2. EDUCATION

Ph.D., Biomedical Sciences, Wright State University, Dayton, Ohio, 1988.
B.S., Biomedical Engineering, Wright State University, Dayton, Ohio, 1981.

3. ACADEMIC EXPERIENCE

Associate Professor (full time); Department of Manufacturing Engineering; 1993 – Present
Acting Chair (full time); Water Resources Management; 2018-2019
Acting Chair (full time); Mathematics and Computer Science; 2018-2019
Chair (full time); Department of Manufacturing Engineering; 2009 - 2019
Assistant Professor (full time); Department of Manufacturing Engineering; 1988 – 1993
Instructor (full time); Department of Manufacturing Engineering; 1987 - 1988

4. NON-ACADEMIC EXPERIENCE

Wright Patterson Air Force Base, Faculty Fellow, Summers of 1988, 1992, 2000
Boeing Corporation, St. Louis, MO, Manufacturing Engineering Fellow, Summer of 1997
McDonnell Douglass, St. Louis, MO, Manufacturing Engineering Fellow, Summer of 1997
Systems Research Laboratories, Dayton, OH, Research Associate, 1984 - 86

5. PROFESSIONAL REGISTRATIONS & LICENSES

Ohio, PE-62682

Amateur Radio, Extra Class KC8VSI

6. SCIENTIFIC AND PROFESSIONAL SOCIETIES

Society of Manufacturing Engineers (SME)
American Society of Engineering Educators (ASEE)
Institute of Electrical and Electronics Engineers (IEEE)

7. HONORS AND AWARDS

National Science Foundation Fellow, 1982-1985
Most Inspirational Teaching Award, 1999-2000
U.S. Patent # 4,842,607, 'An Assistive Device for Control of Accurate Hand Movements', D.W. Repperger and A. Morris.
SIR H703, 'A Self Contained Superstick Controller', D.W. Repperger and A. Morris.

8. SERVICE ACTIVITIES

A. Administrative
   1. Manufacturing Engineering Departmental Chair, 2009-2019
B. College Committees
   1. Faculty Handbook Committee, 2011-2017
C. University Committees
   1. Academic Standards Committee, 2008-2019

2. Promotion and Tenure Committee, 2010-13, 2016-18

D. Other Service
1. TechFest Steering Committee, 2025-present
2. Ohio Space Grant Consortium Campus Representative, 2013-present
2. TechFest Exhibitor and Volunteer, 2003-present
3. Science Fair Judge and Volunteer, 2000-present

9. PUBLICATIONS & PRESENTATIONS

1. Deng Cao, Austin Erdman, Cadance Lowell, Augustus Morris. An Organic Weed Control Prototype with Directed Energy and Deep Learning. Submitted to PLoS One Journal, 2020.
2. Suzanne Marie, and Augustus Morris, Awakening STEM Potential in Middle School Males through Immersion, Mentoring, and Challenge. Association of 1890 Research Directors (ARD) Conference 2019.
3. A. Morris, and S. Marie, Transforming the Culture of STEAM Education through a Community of Practice, Emerging Researchers National Conference, 2019
4. A. Morris, Transforming the Culture of STEAM Teaching and Learning at Central State University, Emerging Researchers National Conference, 2018
5. D. Cao, C. Lowell, A. Morris, A. Erdman, and C. Carter, "Introducing Deep Learning-Based Image Classification to Undergraduate Students," present at ASEE Annual Conference and Exposition, Salt Lake City, Utah, 2018.
6. L. Petry, C. Lowell, A. Fasoro, I. Katampe, A. Morris, and A. Arment, "Use of Natural Products in Manufacturing Engineering Education at a Minority Based Land Grant Institution," presented at ASEE Annual Conference and Exposition, Columbus, Ohio, 2017.
7. Nathaniel Morris (Central State), Denae Bullard (Knoxville College), Kimenyi Joram (Norfolk State) (undergraduate students), and Augustus Morris, Flight Readiness Review: "Just Viewing Natural Devastations", PACER Program, Louisiana State University, 2011, http://laspace.lsu.edu/pacer/Experiment/2011/documentation/Advanced_PACER_FRR_2011.pdf .
8. Ashle Easley, Cayla Gaither, D'Lonzo Taylor (undergraduate students), and Augustus Morris, Flight Readiness Review: "Measuring Temperature and Pressure at Different Altitudes", PACER Program, Louisiana State University, 2009, http://laspace.lsu.edu/pacer/Experiment/2009/documentation/frr/CSU_FRR_v072709b.pdf.

10. PROFESSIONAL DEVELOPMENT

ARRL Teachers Institute: Intro to Wireless Technology, Newington, CT, October 2025
Project Kaleidoscope STEM Leadership Institute, Adamstown, Maryland, July 2018
ABET Annual Symposium, Pittsburgh, PA, April 3-6, 2014
ASEE Annual Conference and Exposition, Atlanta, GA, June 23-26, 2013
Physics & Aerospace Catalyst Experiences in Research (*PACER*) Program for Minority Institutions, Louisiana State University, June 1 – July 31, 2009
Central State University Presidential Leadership Institute, September 2010 – April 2011