

1. Name: **Gary Haywood McDonald**
2. Education – degree, discipline, institution, year
  - Ph.D., Engineering, Tennessee Technological University, 1984
  - M.S., Mechanical Engineering, Tennessee Technological University, 1979
  - B.S., Mechanical Engineering, Tennessee Technological University, 1977
3. Academic experience – institution, rank, title (chair, coordinator, etc. if appropriate)
  - The University of Tennessee at Chattanooga, Department Head, 2009 – 2017
  - Director of Freshman Engineering and Advising, 2000 – Present
  - UC Foundation Associate Professor, 1992 – Present
  - Assistant Professor, 1985-1992
4. Non-academic experience – company or entity, title, brief description of position
  - NASA/ASEE Summer Faculty Fellow, George C. Marshall Space Flight Center, 1991, 1990, 1988, & 1987
5. Certifications or professional registrations
  - Professional Engineer Registration (active): Tennessee #20061
6. Current membership in professional organizations
  - American Society for Engineering Education (ASEE)
  - American Society of Mechanical Engineers (ASME)
  - National Society of Professional Engineers (NSPE)
  - Chattanooga Engineers Club
7. Honors and awards
  - UTC Outstanding Academic Advising, 2014
  - Outstanding Engineering Faculty Award 2003, 1996, & 1992
  - Cole Outstanding Engineering Teacher Award, September 2005, 1995, 1991, 1990 & 1989
  - Norbert Koch Professional Service Award, December 1993
  - Engineering Student Service Award, December 1998
  - UTC Outstanding Academic Advisor Award, December 2004
  - UC Foundation Professorship, May 1992
  - UTC Student Government Association Outstanding Professor Award - nominated by students and voted by the SGA for teaching excellence, awarded during UTC Honors Day, April 1992
  - Young Engineer of the Year - awarded by the Chattanooga area engineers at the Chattanooga area National Engineers Week, February 1989
8. Service activities (within and outside of the institution)
  - Significant University and Engineering service through committees such as Provost EAB committee, Experiential Learning Committee, Advisory Council, EE dept. head search, 2 ME faculty searches; Chair of search for 2 CECS professional advisors.

- Mathcounts – a National 7<sup>th</sup> & 8<sup>th</sup> grade math contest, Order of the Engineer– Coordinate the Chattanooga Link Order of the Engineer, Co-Advisor to Tennessee Zeta Chapter of Tau Beta Pi, President to UTC’s Alpha Society 2009- 2010.
9. Briefly list the most important publications and presentations from the past five years – title, co-authors if any, where published and/or presented, date of publication or presentation
- None
10. Briefly list the most recent professional development activities
- Completed EAB Software training for campus wide advising tool to be Implemented 2015-2016.
  - Attended UTC Instructional Excellence Committee Retreat (two days in May) every year from 1991 to present.