



Dr. David Roach is a Professor at Murray State University in the Department of Mathematics and Statistics, where he has served for 25 years. He currently holds the position of President of the Faculty Senate and is a Jesse Jones Endowed Professor in the Jones College of Science, Engineering, and Technology.

Born in California as the youngest of four siblings, Dr. Roach graduated summa cum laude from Dallas Baptist University with a B.S. in Computer Science. He earned his Ph.D. in Mathematics from Vanderbilt University, specializing in Wavelet Analysis. Before joining Murray State, he completed postdoctoral research at Sandia National Laboratories and the University of Georgia. His most notable research contribution is the Hardin-Roach Prefilter for Multiwavelets, which has been widely recognized in his field.

As Faculty Senate President, Dr. Roach has led numerous initiatives advocating for faculty, including hybrid-COLA raises, pandemic faculty protections, faculty engagement surveys, tenure protections, and fair compensation policies. His leadership extends beyond the Senate, serving on key university committees such as the University Budget Advisory Committee, the Faculty and Staff Insurance and Benefits Committee, the Work-Life Balance Task Force, Summer School Task Force, and the Compensation Review Advisory Committee.

In addition to shared-governance, Dr. Roach is passionate about teaching and student engagement. He has sponsored the student organization, the Euclidean Math Club, and created a series of YouTube "mathematical thrillers" titled *The Zero Matrix*, where a professor and students battle forces against entities wishing to suppress interactive learning. He has also produced math-themed music videos, including *A Little Math Ditty*, which highlights Murray State University's campus and the iconic "shoe tree."

Dr. Roach resides in Murray, Kentucky, with his wife, an MSU alumna, and their two children—one a current Racer and the other an incoming freshman.