

**Bruce MacLennan, Associate Professor, Electrical Engineering and Computer Science  
Candidate Statement, University of Tennessee Faculty Council**

**Statement:**

Academic freedom, faculty self-determination, and shared governance are essential for a university to fulfill its function. We are obliged to reaffirm and to defend these values continually. Therefore, if I am elected UTK representative to the UFC, I will strive to promote vibrant, robust, and resilient shared governance at the system level. Although there are many differences among the UT campuses, we are one system, and it to our mutual benefit to ensure that faculty are empowered to do their jobs well. Among the issues facing the UT system this year are the preservation and expansion of our diversity and inclusion efforts, monitoring the new EPPR process, and fighting the proliferation of firearms on campus.

**Biosketch:**

I received my BS (with honors) in mathematics from Florida State University in 1972 and my MS and PhD in computer science from Purdue University in 1974 and 1975, respectively. After receiving my PhD I went to work for Intel as a Senior Software Engineer, but in 1979 I decided to return to academia to pursue my interests in teaching and research. I joined the computer science faculty of the Naval Postgraduate School, where I was a tenured Associate Professor and for one year the acting department chair. In 1987 I came to the University of Tennessee as an Associate Professor in the Dept. of Computer Science (now Electrical Engineering and Computer Science).

I have published three books and about 90 refereed articles and book chapters. In 2007 I was invited to be the founding Editor-in-Chief of the *International Journal of Nanotechnology and Molecular Computation* (a position from which I have retired). Over the past ten years I have delivered five invited international presentations.

Within the Dept. of Computer Science I have served as chair of the Undergraduate and Graduate Committees, and was a member of the Arts and Sciences Dean's Advisory Council. From 2010 to 2015 I chaired the Assessment Committee in the Dept. of Electrical Engineering & Computer Science, overseeing the (re)accreditation of its three BS program, and from 2008 to 2015 I served on the College of Engineering Curriculum Committee. Because I believe firmly in the importance of multidisciplinary studies, I also served on the University Studies Steering Committee from 2005–2011 and on its Executive Committee 2005–2010. I've taught interdisciplinary courses for University Studies and the Chancellor's Honors Program as well as in my own department. In 2015 I was appointed to the Executive Committee of the interdisciplinary neuroscience major.

In 1997 I was elected a Fellow of the Institute for Advanced Studies of the Collegium Budapest for my work on the evolution of language and communication, and I was University Studies Interdisciplinary Scholar of the Year for 2005–2006. In 2014 I was honored to receive the Alumni Outstanding Teacher Award and to be part of the team that received the Chancellor's Citation for Success in Multidisciplinary Research.

As an advocate of shared governance and academic freedom, I served as president of the UTK

chapter of the American Association of University Professors (AAUP) and was an at-large member of the Faculty Senate Executive Council from 2004–2006. In 2008 I was elected to the Senate, serving on the Appeals Committee. I chaired the Appeals Committee (2011–15) and served on the Executive Council, 2011–present.

I was President of the UTK Faculty Senate (2015–16), during which time we fought the defunding of the Office of Diversity and Inclusion, outsourcing of facilities management, guns on campus, and legislative interference in the operation of the university. We formed an Ad Hoc Committee on Diversity and Inclusion, which has now become a standing committee of the FS. As FS President, I was also the ex officio UTK representative to the UFC. I was elected Secretary of UFC for that year, and Acting Chair from March through June (yes, Chair and Secretary at the same time!). During this year, UFC was very involved in the development of the new EPPR procedure, helping to ensure it is carefully defined, effective, and fair.