

Professor Dan E. Krane

Department of Biological Sciences, Wright State University

Academic Biography: I received a B.S. from the John Carroll University in 1985 with a double major in Biology and Chemistry and a Ph.D. in Biochemistry from the Pennsylvania State University in 1990. After post-doctoral studies at Washington University in St. Louis and Harvard, I joined the Department of Biological Sciences in 1993. I was promoted to Associate Professor in 2000 and Professor in 2007. I have been the President and CEO of Forensic Bioinformatics, Inc. (www.bioforensics.com; a consulting company based on intellectual property owned by Wright State) since it was incorporated in 2002.

Service at Wright State: (2010-2012) President of the Faculty; Chair: College of Science and Mathematics Steering Committee; Member: Faculty Senate; Member: Vice President for Business Search Committee; Member: Director of the Nutter Center Search Committee; Chair: Faculty Senate Executive Committee; Chair: Faculty Budget Priority Committee.

Previous Relevant University Service: University Athletics Council (Council Chair; Member: Gender Equity, Team Liaison, Athletic Director Review, Constitution and By-laws subcommittees); University Honors Committee, University Commencement Committee, Information Technology Research Initiative Committee, Short Term Research Experience/Access for Minority Students (STREAMS); Wright State representative to the Ohio Faculty Council.

Highlights of Professional Service: Court recognized expert witness in 90 criminal proceedings since 1991 (22 different states, three federal courts, three courts martial, Australia, Northern Ireland and England); Two-time gubernatorial appointee to Virginia's Scientific Advisory Committee (a twelve-member panel charged by Virginia statute with overseeing the policies and practices of Virginia's Department of Forensic Science); Two-time recipient of the College of Science and Mathematics "Outstanding Teacher Award;" lead author of the best-selling undergraduate textbook "*Fundamental Concepts of Bioinformatics*."

Additional Information: A description of my research, publications, and additional information is available at www.bioforensics.com/CV/KraneCV01-12.pdf.

Goals for the Faculty and Faculty Senate: The primary responsibilities of the Faculty Senate are to: 1) ensure the quality of the academic programs at Wright State, and 2) represent the Faculty (both BUF and non-BUF) to the administration and the Board of Trustees. The major challenges of the upcoming year will be associated with the transition to semesters and to a new budget model— all as we continue to consider a variety of ways to better serve our students.

As issues arise with the transition to semesters the Faculty Senate will likely be called upon to make important decisions in a timely fashion to resolve unforeseen challenges in ways that may have long lasting implications for Faculty and students. It will also be necessary for the Faculty Senate to continue to examine ways to increase the likelihood of our students succeeding and to ensure the University's new budget model rewards effectiveness and not just efficiency.

During the past year as President of the Faculty I have cultivated an effective working relationship between the Faculty Senate and the University's administration – all while working at making Faculty more aware of the activities of the Faculty Senate and its committees so as to better allow them to make known their interests regarding Wright State's contributions to: culture and the arts, education, business, health care, the STEM programs, and the welfare of our students.