

## Prof. Dan Fleisch short biography

Dan Fleisch is a Professor in the Department of Physics at Wittenberg University, where he specializes in electromagnetics and space physics. He is the author of the internationally best-selling book *A Student's Guide to Maxwell's Equations*, published by Cambridge University Press in January 2008 and currently in its 9<sup>th</sup> printing. This book has been translated into Japanese and Chinese, and a Korean translation is underway.



Dr. Fleisch's latest book, *A Student's Guide to Vectors and Tensors*, was published by Cambridge Press in the fall of 2011. Fleisch is also the co-author with the late Prof. John Kraus of The Ohio State University of the McGraw-Hill textbook *Electromagnetics with Applications*.

Prof. Fleisch has published technical articles in the *IEEE Transactions*, *The Journal of Atmospheric and Terrestrial Physics*, and *Microwave Journal*, and has presented more than a dozen professional papers on topics related to high-speed microwave instrumentation and radar cross-section measurement. He has been a regular contributor of science commentary to PBS station WYSO of Yellow Springs, and in 2006 he appeared in the documentary "The Dayton Codebreakers" shown on Public Television. In 2009 he was the first U.S. citizen to receive an Arthur Award from Stuart McLean of the Canadian Broadcasting Corporation.

Prof. Fleisch was named Outstanding Faculty Member at the Wittenberg Greek scholarship awards in 2000, and in 2002 he won the Omicron Delta Kappa award for Excellence in Teaching. In 2003 and 2005 he was recognized for Faculty Excellence and Innovation by the Southwestern Ohio Council for Higher Education (SOCHE), and in 2004 he received Wittenberg's Distinguished Teaching Award, the university's highest faculty award.

In November, 2010 Prof. Fleisch was named the Ohio Professor of the year by the Carnegie Foundation and the Council for the Advancement and Support of Education.

Fleisch received his B.S. in Physics from Georgetown University in 1974 and his M.S. and Ph.D. in Space Physics and Astronomy from Rice University in 1976 and 1980, respectively.