

Professor Emeritus Vincent Brannigan

Clark School of Engineering University of Maryland, College Park Md.
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B.A. University of Maryland, College Park, MD History 1973
Juris Doctor . Georgetown University Law Center, Washington, DC 1975

Additional legal training:

Law Clerk to Administrative Law Judge, Paul Pfeiffer
U.S. Consumer Product Safety Commission, 1975-77

Certification and licenses:

Admitted to practice law, Maryland, 1976,
District of Columbia, 1979

Field Technological Innovation and Law

Academic Experience

1992-Present **Professor**, Department of Fire Protection Engineering, University of Maryland at College Park **Professor Emeritus** since 2007
2009 Visiting Professor (pt)Munich University of Applied Sciences (Law and Technology)
2004-2007 **Advisor on Research Ethics** National Cancer Institute
20% IPA appointment National Lung Screening Trial
Prostate, Lung Colon Ovarian Cancer Screening trial
2002-2005 **Visiting Professor** (PT)Glasgow Caledonian University-Fire Risk Engineering
1993-1997 Co-Director College Park Scholars Program in Science, Technology and Society
1994-1996 **Lecturer Risk Management**, Health MBA program Sterling U. Scotland
1987-92 Adjunct Professor of Law (Technology and the Law)
Georgetown University Law Center, Washington D.C.
1983-1992 **Associate Professor** (1983) and **Professor** (1991), Consumer Economics program ,
University of Maryland,
1984 Visiting Scholar, Law and Technology, Massachusetts Institute of Technology,
Sloan School of Management
1984 Visiting Researcher, **Technology and Law** University of Frankfurt, Germany.
1979 Teaching and Research Associate to Judge Harold Leventhal, U.S. Court of Appeals, D.C. Circuit. Assisted in "Administrative Law" for Notre Dame Summer Law Program, at the London School of Economics
1978-83 Assistant Professor, Consumer Economics program, University of Maryland, College Park, Associate Member Graduate Faculty, 1978-82
1977-78 Lecturer, Department of Fire Protection Engineering
Lecturer, Consumer Economics,
Research Associate, Institute for Physical Science and Technology, University of Maryland
1975-1977 Part-Time Faculty Member, University of Maryland,

Lecturer, (P.T.), Department of Fire Protection Engineering,
Lecturer (P.T) Consumer Economics,

Sample Publications

Brannigan V "Forensic engineering investigations of disasters: going 'beyond the widget'" Int J of Forensic Engineering DOI: 10.1504/IJFE.2012.047444,

Feng, L., E. Miller-Hooks and V. Brannigan "Mathematical Modeling of Command and Control in Evacuation involving Large Public Gatherings" Proceedings of the 4th International Symposium on Human Behaviour in Fire, Cambridge University, Cambridge, United Kingdom (2012).

Brannigan Vincent M. **TEACHING ETHICS IN THE ENGINEERING DESIGN PROCESS: A LEGAL SCHOLAR'S PERSPECTIVE** Frontiers in Education, 2003. FIE 2003. 33rd Annual Volume 3, Issue , 5-8 Nov. 2003 Page(s): S2A - 19-24
vol.http://fie.engrng.pitt.edu/fie2003/papers/1481.pdf

V. Brannigan and F.W. Mowrer, "**Management of Conflicting Interests in Performance-based Fire Safety Design**," Proceedings of the 5th International Conference on Performance-Based Codes and Fire Safety Design Methods, Society of Fire Protection Engineers, October 2004, 11 p.

Brannigan V **Safety and Performance** Chapter 14 of Introduction to Engineering Design : Engineering Skills and Hovercraft Missions, Book 9 James Dally *et al* College House Enterprises 2008 14.1-14.26

Brannigan V **Engineering Ethics and design Performance** Chapter 15 of Introduction to Engineering Design : Engineering Skills and Hovercraft Missions, Book 9 James Dally *et al* College House Enterprises 2008 15.1-15-26

Brannigan V., Bier, V. and Berg, C **Risk, Statistical Inference, and the Law of Evidence: The Use of Epidemiological Data in Toxic Tort Cases** Journal of Risk Analysis 12:343-351 (1992)

Meeks, C.B., & Brannigan, V., **Performance Based Codes: Economic Efficiency and Distributional Equity**, Interflam 96, 7th International Conference on Fire Science Engineering, Cambridge, England, 573-580, 1996.

Brannigan V., Meeks C. **European Unification, Single Markets and Product Safety: the American Experience with Federal/State Regulation of Housing Safety** Journal of Consumer Policy 14:63-86,1991

Synergistic Activities

Created the first engineering course in the USA that integrated Product liability, government regulation and Engineering ethics in analysis of the Engineering design process

Collaborators & Other Affiliations (last 5 years)

Dr Bernd Beier (Germany)

Dr Elizabeth Buc

Dr. Elise Miller Hooks

Dr. Elizabetta Carratin (Italy)