

Resumé of John I. Marden  
August 29, 2017

**Office Address:**

Department of Statistics  
University of Illinois  
101 Illini Hall  
725 South Wright Street  
Champaign, Illinois 61820

**Office Phone:** (217) 333-3199

**Education:**

B.S. 1973. University of Chicago  
Ph.D. 1978. University of Chicago

**Employment:**

1977-present. University of Illinois at Urbana-Champaign  
1977-1978. Visiting Lecturer  
1978-1982. Assistant Professor  
1982-1988. Associate Professor  
1988-2007. Professor  
2004-2007 Associate Chair, Department of Statistics  
2007-present. Various visiting positions  
2012-present. Professor Emeritus

**Grants:**

2013-2014. University of Illinois LAS Top Ten Initiative  
2000-2004. NSF: Mathematical Sciences  
1997-1998. Sloan Center for Asynchronous Learning Environments  
1996-1998. NSF: Division of Undergraduate Education  
1996-1997. University of Illinois Research Board  
1996-1997. Sloan Center for Asynchronous Learning Environments  
1996. Sloan Center for Asynchronous Learning Environments  
1995-1998. NSF: Mathematical Sciences  
1992. University of Illinois Undergraduate Instructional Award  
1978-1994. NSF: Mathematical Sciences  
1992-1995. NSF: SCREMS  
1980-1982. National Science Foundation Mathematical Sciences Postdoctoral Fellow, Rutgers University

**Professional:**

2007-pres. Associate Editor, Statistical Surveys  
2006-2007. Committee on Fellows, Institute for Mathematical Statistics  
2001-2003. Co-Editor, Annals of Statistics  
1991. Fellow of Institute for Mathematical Statistics  
1993-2000. Associate Editor, Annals of Statistics  
Referee for numerous journals

**Research Interests:**

Models for Ranking Data  
Multivariate Statistical Analysis  
Multivariate Linear Models  
Covariance Models  
Multivariate Rank Procedures  
Discrete Multivariate Models  
Statistical Decision Theory  
Hypothesis Testing-Complete Class Theorems  
Combining Independent Tests  
Two-stage Estimation

**Ph.D. Students:**

Hussein Al-Rawwash, 1986. Improving Inadmissible Hypothesis Testing Procedures in Exponential Family Statistical Models.  
Walid Abu-dayyeh, 1987. Bahadur Exact Slope, Pitman Efficiency, and Local Power for Combining Independent Tests.  
Peter Thompson, 1989. Admissibility of P-Value Rules.  
Lyinn Chung, 1989. The Use of Nonnull Models for Ranks in Nonparametric Statistics.  
Albert Lee, 1990. Complete Classes of Two-Stage Estimation Procedures for Certain Finite Sample Problems.  
Maria Muyot, 1993. Use of Rank Tests in Analysis of Variance.  
Kyung-Mee Choi, 1995. Nonparametric multivariate multisample test statistics for the location problem.  
Yonghong Gao, 1999. Rank-based procedures for some multivariate problems.

**Talks and Visits:**

Nonparametric Statistics and Mixture Models: Past, Present, and Future. Conference in honor of Thomas Hettmansperger, Penn State University, May 23-24, 2008.  
Robert Bohrer Workshop Keynote Address, April 9, 2005.  
Statistics Colloquium, Penn State University, April 7, 2005.  
Statistics Colloquia, Northern Illinois University, October 21 and 22, 2004.  
Statistics Colloquium, University of Illinois – Chicago, March 7, 2003.  
K. C. S. Pillai Memorial Lecture, Purdue University, March 21, 2002.

**University Service:**

UIUC Senate, 2006-2008  
LAS Teaching Academy Mentor, 1999-2000, 2000-2001 and 2001-2002  
Campus General Education Board, 1998-2001