

Ronald H. Randles

Personal Information:

Born: September 4, 1942, Canton, Ohio

Status: Married, 2 children

Home Address: 4430 N.W. 20th Place
Gainesville, FL 32605
(352) 378-0631

Office Address: Department of Statistics
University of Florida
P.O. Box 118545
Gainesville, FL 32611-8545
(352) 392-1941, Ext. 213

Education:

B.A. (1964) College of Wooster, Mathematics

M.S. (1966) Florida State University, Statistics

Ph.D. (1969) Florida State University, Statistics

Professional Positions:

1969-1973 Assistant Professor, Department of Statistics, University of Iowa

1973-1978 Associate Professor, Department of Statistics, University of Iowa

1976-1977 Visiting Associate Professor, Department of Statistics, Ohio State University

1978-1981 Professor, Department of Statistics, University of Iowa

1988 (summer) Visiting Professor, Limburgs Universitair Centrum, Belgium

1981-Present Professor, Department of Statistics, University of Florida

1989-2000 Chair, Department of Statistics, University of Florida

Professional Affiliations:

Institute of Mathematical Statistics

Fellow, 1995

Prog. Comm., Central Regional meeting, Spring, 1980, Iowa City
Prog. Chair, Eastern Regional meeting, Spring, 1986, Atlanta

American Statistical Association

Fellow, 1979
Vice President, 1993-95
Candidate for President, Spring 1996
Budget Committee Chair, 1995
Budget and Planning Committees, 1993-1995
Section on Nonparametric Statistics
 Chair 2000
 Past Chair 2001
Gottfried Noether Award Committee, 2000-2005.
SPAIG Committee
 Chair 2000-2001
Chair, Institutional Members and Academic Dept. Chairs, 1993
Chair Elect of Institutional Members and Academic Dept. Chairs, 1992
Past Chair of Institutional Members and Academic Dept. Chairs, 1994
Committee on Committees, 1993-1995
Iowa Chapter Vice President, 1971-72
Iowa Chapter President, 1972-73
Section on Statistical Education:
 Executive Committee, 1979-81
 Nominating Committee, Chairman, 1979
 Chair Elect, 1984
 Chair, 1985
 Past Chair, 1986
Elections Committee, 1981
Publications Committee, 1984-89
 New Pub. Subcommittee Chair, 1984-86
 Journal Restructuring Subcommittee, Chair, 1986-87
 Ad Hoc Committee on Journal Page Allocations, 1986
Program Committee, A.S.A. Regional meeting, January 1986
ASA-MAA Joint Committee on Undergraduate Statistics Curriculum 1991-93

International Statistical Institute

Elected Member in 1985

Southern Regional Council on Statistics

Paul Minton Award, 2004
President, 1998-1999
President Elect, 1996-1997
Past President, 2000-2001
Institutional Representative, 1989-2001, 2004
Host of Annual Business Meeting, October 1997
Co-Program Chair, Summer Research Conference, 1992
Conducted Data Sharing Project among Departments of Statistics 1996 and 1999

Induction Ceremony Speaker and named an Honorary Member of the Golden Key International Honour Society, 2004

COPSS Visiting Lecturer Program 1989-1997

Advisory Committee of “Against All Odds” TV Series on Statistics 1988-1991

Planning Committee Member, Statistical Partnerships between Academe, Industry and Government

NSF Scientific Review Screening Panel, Washington, D.C., December, 1996

Member, Planning Committee, International Conference on Advances and Trends in Nonparametric Statistics, July 2002, Crete, Greece.

Review Committee, Department of Mathematics and Statistics, University of Nebraska, 1993

Review Committee, Department of Statistics, University of Missouri, 1995

Review Committee, Department of Statistics, University of South Carolina, 1999

Review Committee, Department of Statistics, University of Kentucky, 2000

Review Committee, Department of Statistics, Southern Methodist University, 2002

Needs Assessment Committee, Institute of Statistics, Baylor University, 2003

Hiring Advisory Committee, School of Public Health, Harvard University, 2004

Publications:

Books:

Finite Mathematics with Applications to Business and Social Sciences. Cummings Publishing Company, Inc., (1974), (with R.V. Hogg, A.J. Schaeffer, and J.C. Hickman).

Finite Mathematics and Calculus with Applications to Business and Social Sciences. Cummings Publishing Company, Inc., (1974), (with R.V. Hogg, A.J. Schaeffer, and J.C. Hickman).

Introduction to the Theory of Nonparametric Statistics. John Wiley and Sons, New York, (1979), (with D.A. Wolfe).

Articles:

Some Robust Selection Procedures, *Annals of Mathematical Statistics*, 41 (1970), 1640-1645.

T-Minimax Selection Procedures in Treatments vs. Control Problems, *Annals of Mathematical Statistics*, 42 (1971), 330-341, (with M. Hollander).

Certain Uncorrelated and Independent Rank Statistics, *Journal of the American Statistical Association*, 66 (1971), 569-574, (with R.V. Hogg).

- On Selection of the Underlying Distribution and Adaptive Estimation, *Journal of the American Statistical Association*, 67 (1972), 597-600, (with R.V. Hogg, V.A. Uthoff, and A.S. Davenport).
- An Integrated Sequence in the Mathematical Sciences for Undergraduate Business Students, *American Mathematical Monthly*, 80 (1973), 431-432, (with A.J. Schaeffer).
- Adaptive Distribution-Free Tests, *Communications in Statistics*, 2 (1973), 337-356, (with R.V. Hogg).
- An Adaptive Procedure for Selecting the Population with Largest Location Parameter, *Technometrics*, 15 (1973), 769-778, (with J.S. Ramberg and R.V. Hogg).
- A Two-Sample Adaptive Distribution-Free Test, *Journal of the American Statistical Association*, 70 (1975), 656-661, (with R.V. Hogg and D.M. Fisher).
- Adaptive Distribution-Free Regression Methods, *Technometrics* 17 (1975), 399-408, (with R.V. Hogg).
- Distribution-Free Partial Discriminant Analysis, *Journal of the American Statistical Association*, 71 (1976), 934-9, (with J.D. Broffitt and R.V. Hogg).
- A Power Approximation for the Chi-Square Goodness of Fit Test: Simple Hypothesis Case, *Journal of the American Statistical Association*, 72 (1977), 604-7, (with J.D. Broffitt).
- Discriminant Analysis Based on Ranks, *Journal of the American Statistical Association*, 73 (1978), 379-84, (with J.D. Broffitt, J.S. Ramberg, and R.V. Hogg).
- An Adaptive M-Estimator and its Application to a Selection Problem, *Technometrics*, 20 (1978), 255-63, (with T.F. Moberg and J.S. Ramberg).
- Generalized Linear and Quadratic Discriminant Functions Using Robust Estimates, *Journal of the American Statistical Association*, 73 (1978), 564-68, (with J.D. Broffitt, J.S. Ramberg, and R.V. Hogg).
- An Asymptotically Distribution-Free Test for Symmetry versus Asymmetry, *Journal of the American Statistical Association*, 75 (1980), 168-72, (with M.A. Fligner, G.E. Policello II, and D.A. Wolfe).
- An Adaptive Multiple Regression Procedure Based on M-Estimators, *Technometrics*, 22 (1980), 213-24, (with T.F. Moberg and J.S. Ramberg).
- Nonparametric Statistical Tests of Hypotheses, *Modern Statistics: Methods and Applications*, (1980), 31-40, edited by R.V. Hogg. Proceedings of symposia in Applied Mathematics, Vol. XXIII, American Mathematical Society.
- On the Asymptotic Normality of Statistics with Estimated Parameters, *Annals of Statistics*, 10 (1982), 462-74.
- Detecting Unequal Marginal Scales in a Bivariate Population, *Journal of the American Statistical Association*, 77 (1982), 475-82, (with J.L. Kepner).
- Klotz Test, *Encyclopedia of Statistical Sciences*, 4 (1983), 386-7, edited by S. Kotz and N. Johnson.

- Rank Procedures in Many Population Forced Discrimination Problems, *Communications in Statistics*, 12 (1983), 1943-60, (with Tie-Hua Ng).
- Comparison of Tests for Bivariate Symmetry versus Location and/or Scale Alternatives, *Communications in Statistics*, 13 (1984), 915-30, (with J.L. Kepner).
- On Tests Applied to Residuals, *Journal of the American Statistical Association*, 79 (1984), 349-54.
- Distribution-Free Partial Discrimination Procedures, *Computers and Mathematics with Applications*, 12A (1986), 225-34, (with T.H. Ng).
- Large Sample Properties of Cross Validation Assessment Statistics, *Journal of Statistical Planning and Inference*, 15 (1986), 43-62 (with H. Iverson).
- On the Effects of Substituting Parameter Estimators in Limiting χ^2 U and V Statistics, *Annals of Statistics*, 1 (1987), 398-412, (with T. DeWet).
- Theil Test and Estimator of Slope, *Encyclopedia of Statistical Science*, 9 (1988), 226-7, edited by S. Kotz and N. Johnson.
- Triangle Test, *Encyclopedia of Statistical Science*, 9 (1988), 343, edited by S. Kotz and N. Johnson.
- Weighted Symmetry, *Encyclopedia of Statistical Science*, 9 (1988), 582, edited by S. Kotz and N. Johnson.
- Wilcoxon Signed Rank Test, *Encyclopedia of Statistical Science*, 9 (1988), 613-6, edited by S. Kotz and N. Johnson.
- A Test for Correlation Based on Kendall's Tau *Communications in Statistics*, 17 (1988), 3191-3206, (with B. Samara).
- Convergence Results for Statistics with Estimated Parameters, *Theory of Probability and Related Topics*, 81 (1989), 453-471, (with H. Iverson).
- A Distribution-Free Multivariate Sign Test Based on Interdirections, *Journal of the American Statistical Association*, 84 (1989), 1045-1050.
- A Multivariate Signed-Rank Test for the One-Sample Location Problem, *Journal of the American Statistical Association*, 85 (1990), 552-557, (with D. Peters).
- A Multivariate Rank Test for the Two-Sample Location Problem, *Communications in Statistics*, 19 (1990), 4225-4238 (with D. Peters).
- A Bivariate Signed-Rank Test for the Two-Sample Location Problem, *Journal of the Royal Statistical Society B*, 51 (1991), 493-504, (with D. Peters).
- Discussion of "Nonparametrics: Retrospectives and Perspectives", *Nonparametric Statistics*, 1 (1991), 57-59.
- A Two-Sample Extension of the Multivariate Interdirection Sign Test, *Proceedings of the Second International Conference on Statistical Data Analysis Based on the L_1 -Norm and Related Methods*, Ed. Y. Dodge, North-Holland (1992), 295-302.

- A Multivariate Signed Sum Test for the One-Sample Location Problem, *J. Nonparametric Statistics*, 4 (1994), 49-63 (with Show-Li Jan).
- Challenges in Teaching Shortcourses by an Academic Department: The University of Florida Experience, *American Statistician*, 49 (1995), 195-200 (with J.A. Cornell and G.G. Vining).
- Interdirection Tests for Simple Repeated Measures Designs, *Journal of the American Statistical Association*, 91 (1996), 1611-1618 (with Show-Li Jan).
- The Professional Contributions of Robert V. Hogg, *Communications in Statistics Part A - Theory and Methods*, 25(11) (1996), 2467-2481 (with J. Calvin).
- A Nonparametric Test of Independence between Two Vectors, *Journal of the American Statistical Association*, 92 (1997), 561-567, (with P.W. Gieser).
- Multivariate Signed-Rank Tests, *Encyclopedia of Statistical Sciences*, Update Vol 2 (1998), 439-440, Wiley-Interscience.
- Nonparametric Tests for the Multivariate Multisample Location Problem, *Statistica Sinica*, 8 (1998), 801-812 (with Y. Um).
- Interdirection Tests, *Encyclopedia of Statistical Science*, Update Vol 3 (1999), 366-367.
- Distribution-Free Tests for Main Effects and Interactions in Repeated Measures Designs, *Journal of Nonparametric Statistics*, 12 (2000), 807-817 (with P.W. Gieser).
- A Simpler, Affine Invariant, Multivariate, Distribution-Free Sign Test, *Journal of the American Statistical Association*, 95 (2000), 1263-1268.
- On Neutral Responses (Zeros) in the Sign Test and Ties in the Wilcoxon-Mann-Whitney Test, *The American Statistician*, 55 (2001), 96-101.
- A Multivariate Nonparametric Test of Independence Among Many Vectors, *Journal of Nonparametric Statistics*, 13 (2001), 699-708 (with Y. Um).
- A Practical Affine Equivariant Multivariate Median, *Biometrika*, (2002), 89, 851-859 (with T. Hettmansperger).
- Multivariate Nonparametric Tests, *Statistical Science* (2004), 19, 598-605, (with H. Oja).
- Multivariate Nonparametric Tests of Independence, *Journal of the American Statistical Association* (2005), 100, 916-925, (with S. Taskinen and H. Oja).
- On Multivariate Signed Rank Tests, *Journal of Nonparametric Statistics* (2005), 17, 201-216, (with Z. Mahfoud).
- Practical Nonparametric Tests for Randomized Complete Block Designs, *Journal of Multivariate Analysis* (2005), 96, 73-92, (with Z. Mahfoud).
- On Power and Sample Size Determinations for the Wilcoxon-Mann-Whitney Test", *Journal of Nonparametric Statistics* (2005), 18, 33-44, (with G. Shieh and S. Jan).
- Testing for Preference Using a Sum of Wilcoxon Signed Rank Tests", (2006) to appear *Computational Statistics & Data Analysis*, (with M. Capanu and G. Jones).

Book Reviews:

Approximation Theorems of Mathematical Statistics by R.J. Serfling, *Technometrics*, 24 (1982), 254.

Statistical Inference by V.K. Rohatgi, *Journal of the American Statistical Association*, 81 (1986), 258.

Nonparametric Statistical Inference, Second Edition, Revised and Expanded, by J.D. Gibbons, *Technometrics*, 28 (1986), 275.

Handbook of Statistics, Volume 4, Nonparametric Methods, *Technometrics*, 29 (1987), 122-123.

Applied Nonparametric Statistical Methods by P. Sprent, *Journal of Applied Statistics*, 22 (1995), 189.

Applied Nonparametric Statistical Methods, Third Edition by P. Sprent and N.C. Smeeton, *Technometrics*, 4 (2003), 369.

Editorial Positions:

Associate Editor, American Statistician, 1974-1976.

Associate Editor, Journal of the American Statistical Association, 1979-1985.

Editorial Board Member, Journal of Quality Technology, 1983-1986.

Editorial Board Member, Communications in Statistics, 1986-1992.

Editorial Board Member, Journal of Nonparametric Statistics, 1990-2000, 2003-present.

Special Edition Co-Editor, Statistical Science, 2004.

Ph.D. Dissertations Directed:

Allan S. Davenport (1971), Classification of Distributions Based on Measures of Spread (with R.V. Hogg).

Doris M. Fisher (1972), Classification Selection and Testing Procedures for Asymmetric Distributions (with R.V. Hogg).

Thomas F. Moberg (1975), Robust Adaptive M-Estimator Procedures for Selection and Regression Problems (with J.S. Ramberg).

Patrick D. O'Meara (1976), Investigation of Linear Rank Statistics for the Multiple Linear Regression Model (with R.V. Hogg).

Harold E. Sargent (1977), Rank Tests Based upon the Maximum of a Class of Rank Statistics (with J.D. Broffitt).

James L. Kepner (1979), Tests Using the Null Hypothesis of Bivariate Symmetry.

- Zeinab S. Soliman (1979), Two Sample Location and Scale Tests for Distributions with the Same Finite Interval of Support.
- Tie-Hua Ng (1980), Rank Procedures in Discriminant Analysis for Two or More Populations.
- Harold K. Iverson (1982), Asymptotic Properties of U-Statistics with Estimated Parameters.
- Laura L. Perkins (1984), Bivariate Symmetry Tests with Censored Data.
- Basil Samara (1985), Tests for Correlation and Partial Correlation Based on Kendall's Tau.
- Dawn Peters (1988), Rank Tests for the One- and Two-Sample Bivariate Location Problems.
- Show-Li Jan (1991), Interdirection Tests for Repeated Measures and One-Sample Location Problems.
- Peter W. Gieser (1993), A New Nonparametric Test for Independence between Two Sets of Variables.
- Yonghwan Um (1995), Multivariate Nonparametric Tests for Independence and for Multi-Sample Location Problem.
- Ziyad Mahfoud (2001), A Class of Signed Rank Tests with Application to Simple Repeated Measures Designs.

Undergraduate Honors Theses Directed:

- Dwight Hutchinson (2004)
- Justin Manjourides (2004)

Lectures:

- “T-Minimax Selection Procedures Treatments vs. Controls”, paper presented at regional meeting of IMS, Iowa City, Iowa, April 1969.
- “Some Robust Selection Procedures”, paper presented at national meeting IMS-ASA, New York, New York, August 1969.
- “Certain Uncorrelated and Independent Rank Statistics”, colloquium presented at the Department of Statistics, Florida State University, June 1970.
- “An Adaptive Procedure for Selecting the Population with Largest Location Parameter”, paper presented at regional meeting IMS, Ames, Iowa, March 1972.
- “Adaptive Distribution-Free Inferences”, invited paper presented at national meeting ASA, Montreal, Canada, August 1977.
- “Discriminant Analysis Based on Ranks”, colloquium presented at the Department of Statistics, University of Wisconsin, October 1975.
- “Rank Methods of Discriminant Analysis”, invited paper presented at the regional meeting IMS, ASA, and ENAR, College Station, Texas, March 1976.
- “Robust Discriminant Functions”, paper presented at the regional conference on Robust Statistics, Iowa City, Iowa, July 1976.

- “Discriminant Analysis Based on Ranks”, colloquium presented at the Department of Mathematics and Statistics, Miami University (Ohio), November 1976.
- “Developments in Discriminant Analysis”, one of four speakers at the Conference on New Statistical Methods, Marquette University, April 1977.
- “Robust Multivariate Analysis with M-Estimators and Rank Cutoffs”, one of nine speakers at the Gordon Research Conference on Statistics in Chemistry and Chemical Engineering, July 1977.
- “Practical Nonparametric Methods”, invited tutorial session, Fall Technical Conference, American Society of Quality Control and ASA, October 1978.
- “Nonparametric Statistical Tests of Hypotheses”, one of six speakers at American Mathematical Society short course, Modern Statistics: Methods and Applications, San Antonio, Texas, January 1980.
- “On the Asymptotic Normality of Statistics with Estimated Parameters”, colloquia presented at Department of Statistics, Florida State University and at Department of Statistics, University of Florida, May 1980.
- “Statistics in Modern Society”, colloquium presented at the Department of Mathematics, College of Wooster, October 1981.
- “Rank Tests Applied to Residuals”, colloquium presented at the Department of Mathematics and Statistics, Miami University, October 1981.
- “Rank Tests Applied to Residuals”, colloquium presented at the Department of Mathematics and Statistics, University of South Carolina, April 1982.
- “Partial Discriminant Analysis Based on Ranks”, invited lecture to the South Carolina chapter of ASA, April 1982.
- “Rank Tests Applied to Residuals”, paper presented at annual meeting ASA and IMS, Cincinnati, Ohio, August 1982.
- “Rank Tests Applied to Residuals”, colloquium presented at the Department of Statistics, Southern Methodist University, March 1983.
- “Distribution-Free Tests for Dependence in Bivariate Circular Data”, paper presented at annual meeting ASA, ENAR, WNAR, and IMS, Toronto, Canada, August 1983.
- “On Tests Based on Residuals”, colloquium presented at the Department of Statistics, North Carolina State University, October 1983.
- “On Tests Based on Residuals”, colloquium presented at the Department of Statistics, Virginia Polytechnic Institute and State University, November 1983.
- “Theory and Applications of Statistics with Auxiliary Estimators”, conference to honor Robert V. Hogg, Department of Statistics, University of Iowa, October 1984.
- “Rank Tests for the Bivariate Location Problem”, invited lecture at annual meetings of IMS and ASA, San Francisco, California, August 1987.

Three lectures at Limburgs Universitair Centrum, Diepenbeek, Belgium, summer 1988.

“A Distribution-Free Multivariate Sign Test”, Mathematics Centre, Amsterdam, The Netherlands, June 1988.

“Nonparametric Statistics: Past, Present and Future”, invited lecture and panel participant at Spring Conference of Delaware Chapter ASA, April 1989.

“A Distribution-Free Multivariate Sign Test Based on Interdirections”, B.V. Sukhatme Memorial Lecture, Iowa State University, May 1989.

“A Distribution-Free Multivariate Sign Test Based on Interdirections”, colloquium presented at Department of Statistics, University of Iowa, May 1989.

“Multivariate Tests Based on Interdirections”, colloquium presented at Department of Statistics, University of Georgia, October 1990.

“Multivariate Tests Based on Interdirections”, colloquium presented at Department of Statistics, Kansas State University, November 1990.

“Perspectives on Nonparametric Statistics”, invited lecture at Kansas Chapter of ASA, November 1990.

“Opportunities in Statistics”, at Samford University, Birmingham Southern University, Morehouse College, Spellman College, and Wake Forest University, October 1991.

“Statistical Thinking”, science lecture, Jacksonville University, April 1992.

“Affine-Invariant Interdirection Tests for Repeated Measures Problems”, Workshop on Nonparametric Statistics, Berne, Switzerland, August 1992.

“A Two-Sample Extension of the Multivariate Interdirection Sign Test”, Second International Conference on the L_1 -Norm and Related Methods, Neuchatel, Switzerland, August 1992.

“Interdirection Tests for a Repeated Measures Problem”, colloquium presented at the Department of Statistics, Florida State University, October 1992.

“Statistical Thinking”, colloquium, Department of Mathematics, Fairmont State University, April 1993.

“Multivariate Extensions of the Univariate Signed Rank Test”, colloquium at the Department of Mathematical Sciences, University of Texas at Dallas, January 1994.

“An Interdirection Test, for a Repeated Measures Problem”, colloquium at the Department of Statistics, Southern Methodist University, January 1994.

“Statistics as a Profession”, at College of Wooster, Kenyon College, Furman University, Samford University, Eckerd College and Stetson University, Fall 1994.

“The Professional Contributions of Robert V. Hogg”, invited lecture at the IMS Regional Conference, Iowa City, Iowa, May 1995.

“Nonparametric Statistical Methods”, invited short course, IFAS Research and Education Center, Bradenton, FL, December, 1995.

- ”Nonparametric Tests for the Multi-Sample Location Problem”, contributed paper, Joint Statistics Meetings, Chicago, IL, August 1996.
- ”Nonparametric Statistical Methods in IFAS Research”, IFAS Statistics Short Course Series, Gainesville, FL, October 1996.
- ”Nonparametric Statistical Methods”, Week of Short Courses Program, Orlando, FL, March 1997.
- “On Neutral Responses (Zeros) in the Sign Test”, Joint Statistics Meetings, Dallas, TX, August 1998.
- “A Simpler, Affine Invariant, Multivariate, Distribution-Free Sign Test (Direction Test)”, invited lecture, University of Florida Statistics Symposium on Selected Topics in Nonparametric Methods, Gainesville, FL, January 1999.
- “A Simpler, Affine Invariant, Multivariate, Distribution-Free Sign Test (Direction Test)”, contributed paper, Joint Statistics Meetings, Baltimore, MD, August 1999.
- “A Simpler Affine Invariant, Multivariate, Distribution-Free Sign Test”, Bradley Lecture presented at the University of Georgia, April 7, 2000.
- “Important People in the Development of Nonparametric Statistics”, after dinner talk, University of Georgia, April 7, 2000.
- “A Simpler Affine Invariant, Multivariate, Distribution-Free Sign Test”, Department of Mathematical Sciences, Johns Hopkins University, April 13, 2000.
- “A Simpler Affine Invariant, Multivariate, Distribution-Free Sign Test”, Reunion Celebration, Department of Statistics, Florida State University, April 22, 2000.
- “A Simpler Affine Invariant, Multivariate, Distribution-Free Sign Test”, Department of Statistics, Penn State University, October 26, 2000.
- “A Simpler Affine Invariant, Multivariate, Distribution-Free Sign Test”, Department of Statistics, Ohio State University, November 2, 2000.
- “Nonparametric Statistical Methods”, University of Florida Week of Short Courses Program, Orlando, FL, March 2001 and March 2002.
- ”Affine Invariant Multivariate Sign and Signed Rank Tests for the One-Sample Location Problem,” Workshop on Nonparametric Statistics, Bern University, Bern, Switzerland, July 2001.
- ”Some themes in Nonparametric Statistics”, Joint Statistics Meetings, Atlanta, August 2001.
- ”The Professional Contributions of Robert V. Hogg”, Joint Statistics Meetings, Atlanta, August 2001.
- ”A Practical Multivariate Median”, Joint Statistics Meetings, New York, August 2002.
- ”On Comparing the Robustness of Affine Equivariant Location Estimators”, Nonparametric Statistics Research Conference, Tallahassee, FL, January, 2003.

”On Comparing the Robustness of Affine-Equivariant Location Estimators”, Joint Statistics Meetings, San Francisco, August 2003.

”Multivariate Nonparametric Tests”, Annual Meeting of the Belgian Statistical Society, La Roche, Belgium, October 2003.

”Multivariate Nonparametric Tests”, at the conference The Frontier of Nonparametric Statistics, Texas A & M University, January 2005.

“On Zeros in the Sign and Signed Rank Tests”, invited talk at the meeting ”Workshop on Nonparametrical Statistical Methods 2005”, University of Tampere, Finland, June 2005.

“On Zeros in the Sign and Signed Rank Tests”, invited seminar, Department of Statistics, Kansas State University, October 2005.

Grants and Projects:

Council of Teaching Award for Improvement of Instruction (University of Iowa), 1970.

Co-Investigator, NSF Grant GP-21073, Estimation of Distribution Characteristics and Related Tests of Hypotheses, 1966-1970.

Co-Investigator, NSF Grant GP-30966X, Estimation of Distributions and Distribution Characteristics, 1971-1974.

Project Director, NSF Instructional Scientific Equipment Grant HES75-12378, 1975-1977.

Developmental Assignment, University of Iowa, 1976-1977.

Principal Investigator, NIH Grant R01-GM22271, Adaptive Discriminant Analysis for Medical Decisions, 1975-1978.

DSR Grant, University of Florida, Aspects of Testing Goodness-of-Fit, 1982-1983.

National Scientific Foundation, Belgium, summer research grant, 1988.

Courses Taught at University of Iowa:

Theory of Nonparametric Statistics (22S:230)

Statistical Inference I and II (22S:271-72)

Theory of Statistics (22S:253)

Introduction to Nonparametrics (22S:170)

Distribution-Free Methods (22S:163)

Applied Statistical Decision Theory (22S:160)

Topics in Statistics (22S:172)

Introduction to Mathematical Statistics I and II (22S:153-154)

Introduction to Probability and Statistics (22S:152)

Biostatistics (22S:101)

Probability and Statistics for Engineering and Physical Sciences (22S:39)

Elementary Probability and Statistics (22S:25)

Quantitative Methods I and II for Business Students (22M:7, 22S:8)

Courses Taught at University of Florida:

Introduction to Theoretical Statistics I and II (STA 6326-STA 6327)
Mathematical Statistics I (STA 4321)
Statistics for the Social Sciences (STA 3013)
Theory of Nonparametric Statistics (STA 6934)
Mathematical Statistics II (STA 4322)
Introduction to Statistics (STA 2023)
Topics in Discriminant Analysis Ranking and Selection (STA 6934)
Applied Statistics I and II (STA 4202-4203)
Nonparametric Statistics (STA 6526)
Statistical Methods in Social Research I and II (STA 6126-6127)
Statistical Methods in Research (STA 6166)
Seminar in Current Topics (STA 6937)
Engineering Statistics (STA 3032)
Regression Analysis (STA 4210)
Industrial Statistics (STA 4664)
Nonparametric Statistical Methods (STA 4502/5507)

Special Instructional Projects and Awards:

Designed a two-semester sequence of courses for undergraduate business majors that blended mathematics, statistics, and computer programming topics (at Iowa).

Secured funding for and designed a computer terminal laboratory for the Division of Mathematics Sciences containing 18 terminals (at Iowa).

Runner-up for "Teacher of the Year" Award, CLAS, University of Florida, 1988.

Award for Excellence in Undergraduate Instruction, CLAS, University of Florida, 1989.

Best Contributed Paper Award, Section on Statistical Computing, ASA, August 2000.

Anderson Scholar Faculty Honoree, Fall 2002.

Best Contributed Paper Award, Section on Nonparametric Statistics, ASA, August 2003 (co winner with Robert Serfling).

Administrative and Committee Responsibilities at the University of Iowa:

Department:

Schedule and Teaching Assignments, 1972-74, 1977-78
Registration, 1971-72, 1974-75
Colloquium Chair, 1979-80
Executive Committee, 1979-80
Division of Math Science Undergraduate Program Committee, 1978-79

Faculty Search Committee Chair, 1977-78, 1980-81
Statistical Community, 1969-73, 1978-79
M.S. Exams Committee, 1973-74, 1978-81
Ph.D. Qualifying Exams, 1974-76, 1977-78
Business Statistics, 1971-76
Joint Program with Business, 1975-76, 1978-79
Picnic Committee, 1969-74, 1980-81
Member of 14 Ph.D. committees within Statistics Department

University:

Computer Based Education Committee, 1974-76
Applied Mathematics Program Committee, 1977-80
Liberal Arts Mathematics Requirement Coordinating Committee, 1980-81
Member of 5 Ph.D. committees in other departments

Administrative and Committee Responsibilities at the University of Florida:

Department:

Undergraduate Coordinator, 2004-present
Chair, Department Chair Search Committee, 2005-06.
Chair, Undergraduate Curriculum Revision Committee, 2001-2002.
Department Chair, 1989-2000
Search and Screen Committee, Chair 1981-82, 1982-85, 1986-87, 1988-89
Founded PhD co-major program
Comprehensive Examination Committee, 1981-86, 1987-88
Assistantship Committee, 1981-82, Chair 1982-88, 1988-89
Sponsored Research Committee, 1981-82
Department Self-Study Committee, 1981-82
Graduate Advisory Committee, 1982-87, Chair 1988-89
Harris Corporation Committee, 1982-83
Computer Proposal Committee, 1982-84, 1988
Curriculum committee, 1985-1989
Wrote the Departmental Self Study Report for the BOR Review, 1997
Member of 19 Ph.D. committees within Statistics Department

University:

College of Arts and Sciences, Tenure and Promotion Committee, 2001-2004
College of Arts and Sciences, Nominating Committee, 2001-2003
University Senate, 1982-84, 1988-90
University Council on General Education, 1985-88
DSR Review Committee for Physical & Mathematical Sciences, 1983, 1989
Health Policy Research Task Force, 1992
Member of the Search Committee for Chair of the Department of Mathematics, 1998
Member of 11 Ph.D. committees in other departments