

VITAE
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NAME: John David Fox

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Department of Sociology
McMaster University
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BIRTH DATE: 2 May 1947

EDUCATION:

City College of New York: BA 1968
The University of Michigan (Sociology): AM 1971, PhD 1972

CURRENT STATUS:

Professor, Department of Sociology, Tenured

PROFESSIONAL ASSOCIATIONS:

Canadian Sociology and Anthropology Association
American Sociological Association
American Statistical Association

EMPLOYMENT HISTORY:

At the University of Alberta, Department of Sociology:
Assistant Professor, 1973-75

At York University

Department of Sociology:

Acting Director, Small Groups Laboratory, 1975-76, 1982-83

Assistant Professor, 1975-79

Associate Professor, 1979-1987

Professor, 1988-1995

Institute for Social Research

Coordinator, Statistical Consulting Service, 1983-1994

Department of Mathematics and Statistics,

Professor, 1991-1995, Adjunct Professor 1996-

At McMaster University, Department of Sociology

Professor, 1995-

Senator William McMaster Professor of Social Statistics 2009-2014

AREAS OF INTEREST:

Statistics and Research Methods
Computer Applications
Political Economy
Social Psychology

ACADEMIC HONOURS:

Undergraduate:

Selected Students Program, Magna Cum Laude, Phi Beta Kappa, NYS Regent Scholarship

Graduate:

NIMH Traineeship, NSF Graduate Fellowship, NYS Regent Fellowship (declined), Rackham Fellowship

Professional:

listed in American Men and Women of Science, SSHRCC Leave Fellowship 1980-81, York University Leave Fellowship, 1989-90, York Faculty of Arts teaching award, 1995; elected to R Foundation, 2006.

Visiting Positions:

Facultad Latinoamericana de Ciencias Sociales, Santiago de Chile (profesor invitado)
Population Studies Center, University of Michigan (visiting scholar)
Department of Sociology, Oxford University (official academic visitor)
Department of Statistics and Mathematics, Wirtshaftsuniversität Wien (gastprofessor)

COURSES TAUGHT (last five years):

At McMaster University, Department of Sociology
Soc. 3H6: Research Techniques and Data Analysis
Soc. 6Z3: Quantitative Methods in Sociology
Soc. 740: Applications of Quantitative Methods
Soc. 761: Statistical Applications in Social Research

PUBLICATIONS:

PEER REVIEWED:

BOOKS:

J. Fox and W. Johnston. *Understanding Capital*. Toronto: Progress Books, 1979.

J. Jorgensen (J. Fox and others, research collaborators). *Western Indians*. San Francisco: Jossey-Bass, 1980.

J. Fox. *Linear Models and Related Methods with Applications to Social Research*. New York: John Wiley, 1984.

J. Fox. *Understanding 'Capital Volume II.'* Toronto: Progress Books, 1985.

J. Fox and S. Long, eds. *Modern Methods of Data Analysis*. Beverly Hills: SAGE Publications, 1990.

J. Fox. *Regression Diagnostics*. SAGE Publications, 1991.

R. Stine and J. Fox, eds. *Statistical Computing Environments for Social Research*. SAGE Publications, 1996.

J. Fox. *Applied Regression, Linear Models, and Related Methods*. SAGE Publications, 1997.

J. Fox. *Nonparametric Simple Regression: Scatterplot Smoothing*. SAGE Publications, 2000.

J. Fox. *Generalized and Multiple Nonparametric Regression*. SAGE Publications, 2000.

J. Fox. *An R and S-PLUS Companion to Applied Regression*. SAGE Publications, 2002.

J. Fox. *Applied Regression Analysis and Generalized Linear Models, Second Edition*. SAGE Publications, 2008.

J. Fox. *A Mathematical Primer for Social Statistics*. SAGE Publications, 2009.

J. Fox and S. Weisberg. *An R Companion to Applied Regression, Second Edition*. SAGE Publications, 2011.

J. Fox. *Applied Regression Analysis and Generalized Linear Models, Third Edition*. SAGE Publications, 2014 (in press).

CHAPTERS IN BOOKS:

- J. Fox. Simultaneous equation models and two-stage least squares. In K. Schuessler, ed. *Sociological Methodology* 1979. San Francisco: Jossey-Bass, 1979 130-150.
- J. Fox. Some aspects of measuring resemblance for taxonomy. In H. Hudson, ed. *Classifying Social Data*. San Francisco: Jossey-Bass, 1982 127-151.
- J. Fox. Effect displays for generalized linear models. In C. Clogg, ed. *Sociological Methodology* 1987. Washington DC: American Sociological Association 1987 347-361.
- J. Fox. Describing univariate distributions. In J. Fox and S. Long, eds. *Modern Methods of Data Analysis*. Beverly Hills: SAGE Publications, 1990.
- J. Fox. Statistical graphics. In E.F. Borgatta, ed. *The Encyclopedia of Sociology*. New York: Macmillan, 1992.
- J. Fox. Social statistics. In R. Brym, ed. *New Society*. Toronto: Harcourt Brace and Co., 1995.
- J. Fox. Statistical graphics. In E.F. Borgatta and R. J. V. Montgomery, eds. *The Encyclopedia of Sociology, Second Edition*. New York: Macmillan, 2000.
- J. Fox. Linear models: Problems. In K. E. Kempf-Leonard, ed. *The Encyclopedia of Social Measurement*. San Diego: Academic Press, 2004.
- J. Fox. Nonparametric regression. In B. Everitt and D. Howell, eds. *Encyclopedia of Statistics in the Behavioral Sciences*. London: Wiley, 2005.
- J. Fox, J. Byrnes, S. Boker, and M. Neale. Structural-equation modeling in R with the sem and OpenMx packages. In R. Hoyle, ed., *Handbook of Structural Equation Modeling*. New York: Guilford, 2012.

JOURNAL ARTICLES:

- J. Fox. The learning of strategies in a simple two-person zerosum game without saddlepoint. *Behavioral Science* 1972 17:300-308.
- J. Fox and M. Guyer. Equivalence and stooge strategies in zerosum games. *Journal of Conflict Resolution (JCR)* 1973 17:513-33.
- M. Guyer, J. Fox, and H. Hamburger. Format effects in the prisoner's dilemma game. *JCR* 1973 17:719-744.

- H. Hamburger, M. Guyer, and J. Fox. Group size and cooperation. *JCR* 1975 19:503-531.
- J. Fox and M. Guyer. Group size and others' strategy in an n-person game. *JCR* 1977 21:323-338.
- J. Fox and M. Guyer. Public choice and cooperation in n-person prisoner's dilemma. *JCR* 1978 22:469-481.
- P. Kohn, J. Fox, et al. Progressive development of a model of youthful marijuana use. *Representative Research in Social Psychology* 1978 9:122-139.
- J. Fox and T. Hartnagel. Female crime in Canada. *Canadian Review of Sociology and Anthropology (CRSA)* 1979 16:96-104.
- J. Fox and J. Moore. Status characteristics and expectation states: fitting and testing a recent model. *Social Psychology Quarterly* 1979 42:126-134.
- J. Fox. Comment on Harris, Luginbuhl, and Fishbein: Loglinear and logit models for tabular experimental data. *Social Psychology Quarterly* 1979 42:431-433.
- M. Gillespie and J. Fox. Specification error, measurement error, and negatively correlated disturbances in simultaneous equation models. *Sociological Methods and Research*, 1980 8:273-308.
- B. Fox, J. Fox, and R. Marans. Residential density and neighbor interaction. *Sociological Quarterly*, 1980 21:349-359.
- J. Fox. Effect analysis in structural equation models: extensions and simplified methods of computation. *Sociological Methods and Research*, 1980 9:3-28.
- W. Carroll, J. Fox, and M. Ornstein. The network of directorate interlocks among the largest Canadian firms. *CRSA*, 1982 19:44-69.
- B. Fox and J. Fox. Effects of women's employment on wages. *Canadian Journal of Sociology (CJS)*, 1983 8:319-328.
- J. Fox. Detecting changes of level and slope in repeated-measures data. *Sociological Methods and Research*, 1984, 12:263-277.
- J. Fox. Effect analysis in structural equation models II: Specific indirect effects. *Sociological Methods and Research*, 1985.
- B. Fox and J. Fox. Women in the labour market, 1931-1981: Exclusion and competition. *CRSA*, 1986, 23:1-21.

J. Fox and M. Ornstein. The Canadian corporate elite and the state in the post-war period. *CRSA*, 1986 23:481-506.

B. Fox and J. Fox. Occupational gender segregation of the Canadian labour force, 1931-1981. *CRSA*, 1987 24:374-397.

J. Fox. Statistical models for non-experimental data: A comment on Freedman. *Journal of Educational Statistics*, 1987 12:161-164.

M. G. Wintre, R. Hicks, G. McVey, and J. Fox. Age and sex differences in choice of consultant for various types of problems. *Child Development*, 1988 59:1046-1055.

J. Fox and C. Suschnigg. A note on gender and the prestige of occupations. *CJS*, 1989 14:353-360.

J. Fox. Comment on Searle (1988). *The American Statistician*, 1989 43:129 [letter to the editor].

F. Schryer, S. Humphries, and J. Fox. Variations in peasant militancy: Land invasions and the civil-religious hierarchy in Tlalchihualica, Mexico. *European Review of Latin American and Caribbean Studies*, 1989, 47: 21-41.

C. Davis, J. Fox, M. Cowles, P. Hastings, and K. Schwass. The functional role of exercise in the development of weight and diet concerns in women. *Journal of Psychosomatic Research*, 1990, 34: 563-574.

J. Fox and Georges Monette. Generalized collinearity diagnostics. *Journal of the American Statistical Association*, 1992, 87: 178-183.

C. Davis and J. Fox. Excessive exercise and weight preoccupation in women. *Addictive Behaviors*, 1993, 18: 201-211.

M. Friendly and J. Fox. Using APL2 to create an object-oriented environment for statistical computation. *The Journal of Computational and Graphical Statistics*, 1994, 3: 387-407.

J. Fox and M. Friendly. Data analysis using APL and APL2STAT. *Sociological Methods and Research*, 1995, 23: 282-302.

C. Davis, J. Fox, H. Brewer, and D. Ratusney. Motivations to exercise as a function of personality characteristics, age, and gender. *Personality and Individual Differences*, 1995, 19: 165-174.

M. Dionne, C. Davis, J. Fox, and M. Gurevich. Feminist ideology as a predictor of body dissatisfaction in women. *Sex Roles*, 1995, 33: 277-287.

- J. Fox, R. Anderson, and J. DuBonnet. The Polls and the 1995 Quebec Referendum. *Canadian Journal of Sociology*, 1999, 24:411-424.
- R. Lenton, M. Smith, J. Fox, and N. Morra. Sexual harassment in public places. *Canadian Review of Sociology and Anthropology*, 1999, 36:517-540.
- C. Davis, G. Claridge, and J. Fox. Not just a pretty face: Physical attractiveness and perfectionism in the risk for eating disorders. *International Journal of Eating Disorders*, 2000, 27:67-73.
- R. Andersen and J. Fox. Pre-Election Polls and the Dynamics of the 1997 Canadian Federal Election. *Electoral Studies*, 2001, 20: 87-108.
- J. Fox, R. Stine, Georges Monette, and N. Vohra. Detecting Clusters and Nonlinearity in 3D Dynamic Graphs. *Journal of Computational and Graphical Statistics*, 2002, 11: 875-895.
- J. Fox. Effect Displays in R for Generalised Linear Model. *Journal of Statistical Software*, 2003, 8.15: 1-27.
- C. Davis, B. Shuster, E. Blackmore, and J. Fox. Looking Good: Family Focus on Appearance and the Risk for Eating Disorders. *International Journal of Eating Disorders*, 2004, 35: 136-144.
- C. Davis, E. Blackmore, D. Katzman, and J. Fox. Female Adolescents with Anorexia Nervosa and their Parents: A Case-Control Study of Exercise Attitudes and Behaviours. *Psychological Medicine*, 2005, 35: 377-386.
- J. Fox. The R Commander: A Basic-Statistics Graphical User Interface to R. *Journal of Statistical Software*, 2005, 14(9): 1-42.
- J. Fox. How Do You Spell That Number. *R News*, 2005, 5(1): 51-55.
- J. Fox. Structural-Equation Modeling with the sem Package in R. *Structural Equation Modeling*, 2006, 13: 141-162.
- J. Fox and R. Andersen. Effect Displays for Multinomial and Proportional-Odds Logit Models. *Sociological Methodology* 2006, 36:225-255.
- J. Fox. Extending the R Commander by "plug-in" packages. *R News*, 2007, 7(3):46-52.
- C. Davis and J. Fox. Sensitivity to Reward and Body Mass Index (BMI): Evidence for a Non-linear Relationship. *Appetite*, 2008, 50:43-49.
- U. Ligges and J. Fox. How Can I Avoid This Loop or Make It Faster? *R News*, 2008, 8(1)46-50.

C. Davis, J. Fox, K. Patte, C. Curtis, C. Reid, and R. Strimas. Education Level Moderates Learning on Two Versions of the Iowa Gambling Task. *Journal of the International Neuropsychological Society*, 2008, 14: 1063-1068.

J. Fox, M. Friendly, and G. Monette. Visualizing Hypothesis Tests in Multivariate Linear Models: The heplots Package for R. *Computational Statistics*, 2009, 24:233–246.

J. Fox and J. Hong. Effect Displays in R for Multinomial and Proportional-Odds Logit Models: Extensions to the effects Package. *Journal of Statistical Software*, 2009, 32(1):1-24.

J. Fox. Aspects of the social organization and trajectory of the R Project. *The R Journal*, 2009, 1(2):5-13.

C. Davis, J. Fox, C. McCool, K. Patte, C. Curtis, C. Reid, and R. Strimas. Is human seasonality implicated in the risk profile for obesity? *Eating Behaviors*, 2010, 11:301-304.

S. M. Boker, M. Neale, H. Maes, M. Wilde, M. Spiegel, T. Brick, J. Spies, R. Estabrook, S. Kenny, T. Bates, P. Mehta, and J. Fox. OpenMx: An open source extended structural equation modeling framework. *Psychometrika*, 2011, 76:306-317.

J. Fox and M. Sa Carvalho. The RcmdrPlugin.survival Package: Extending the R Commander interface to survival analysis. *Journal of Statistical Software*, 2012, 76(7)1-32.

J. Fox, M. Friendly, and S. Weisberg. Hypothesis Tests for Multivariate Linear Models Using the car Package. *The R Journal*, 2013, 5(1):39-52.

M. Friendly, G. Monette, and J. Fox. Elliptical Insights: Understanding Statistical Methods through Elliptical Geometry. *Statistical Science*, 2013, 28:1-39.

JOURNAL ABSTRACTS:

J. Fox. TANOVA; An analysis of variance program for grouped data. Behavioral Science 1973 18:227.

J. Fox. TAB: An APL workspace for the loglinear analysis of contingency tables. The American Statistician 1979 33:159-160.

J. Fox. Four APL statistical workspaces. The American Statistician, 1985.

NOT PEER REVIEWED:

CHAPTERS IN BOOKS:

J. Fox and T. Hartnagel. Female crime in Canada. In R. Silverman and J. Teevan, eds. *Crime in Canadian Society*, 2nd Edition. Toronto: Butterworths, 1980. (Reprinted from the *Canadian Review of Sociology and Anthropology*.)

J. Fox. Effect analysis in structural equation models: extensions and simplified methods of computation. In P. Marsden, ed. *Linear Methods in Social Research*, Beverly Hills: Sage, 1982. (Reprinted from *Sociological Methods and Research*.)

B. Fox, J. Fox, and R. Marans. Residential density and neighbor interaction. In Tischler et al., eds. *Introduction to Sociology*. CBS, 1983. (Reprinted from the *Sociological Quarterly*.)

J. Fox and M. Ornstein. The Canadian state and corporate elites in the post-war period. In J. Curtis et al., eds. *Social Inequality: Patterns, Problems, and Policies*. Toronto: Prentice-Hall, 1988. (Reprinted from the *CRSA*.)

J. Fox. Regression diagnostics. In M. Lewis-Beck, ed. *Regression Analysis*. London, England: Sage, 1993. (Reprinted from Fox, 1991).

J. Fox and M. Friendly. Data analysis using APL and APL2STAT. In R. Stine and J. Fox, eds., *Statistical Computing Environments for Social Research*. SAGE Publications, 1996. (Reprinted from *Sociological Methods and Research*.)

J. Fox. Scatterplots. In M. Lewis-Beck, ed. *The Encyclopedia of Social Science Research Methods*. Thousand Oaks, CA: Sage, 2004.

J. Fox. Variance Inflation Factors. In M. Lewis-Beck, ed. *The Encyclopedia of Social Science Research Methods*. Thousand Oaks, CA: Sage, 2004.

JOURNAL ARTICLES:

J. S. Long and J. Fox. Data analysis: Modern methods and new perspectives. *Sociological Methods and Research*, 1989-90, 18: 195-199 [editors' introduction to special issue].

J. Fox and R. Stine. Editors introduction to the special issue on computing environments. *Sociological Methods and Research*, 1995, 23: 267-281.

BOOK REVIEWS:

G. Maranell, ed. *Scaling: A Source Book for Behavioral Scientists*. *Canadian Journal of Sociology (CJS)*, 1975.

H. Blalock et al., eds. *Quantitative Sociology*. *CJS*, 1977.

J. Tukey. *Exploratory Data Analysis*. D. McNeil. *Interactive Data Analysis*. B. Erickson and T. Nosanchuk. *Understanding Data*. *CJS*, 1978.

H. Cleaver. *Reading Capital Politically*. *CJS*, 1981.

J. Pennings. *Interlocking Directorates*. *CJS*, 1981.

J. Gottman. *Time-Series Analysis: A Comprehensive Introduction for Social Scientists*. *Contemporary Sociology*, 1983.

J. Roemer. *A General Theory of Exploitation and Class*. *The Insurgent Sociologist*, 1985.

D. Hand and C. Taylor. *Multivariate Analysis of Variance and Repeated Measures: A Practical Approach for Behavioural Scientists*. *Contemporary Sociology*, 1988.

L. A. Hayduk. *Structural Equation Modeling with LISREL*. *CJS*, 1989.

R. D. Cook and S. Weisberg. *An Introduction to Regression Graphics*. *Chance*, 1996.

G. King. *A Solution to the Ecological Inference Problem: Reconstructing Individual Behavior from Aggregate Data*. *CJS*, 1999, 24: 150-152.

D. Robinson. *The Measure of Democracy*. *CJS*, 2000, 25: 527-529.

A. Atkinson and M. Riani, *Robust Diagnostic Regression Analysis*. *Sociological Methods and Research*, 2004, 32:599-603.

K. Takezawa. *Introduction to Nonparametric Regression*. *British Journal of Mathematical and Statistical Psychology*, in press.

S. Morgan and C. Winship. Counterfactuals and Causal Inference: Methods and Principles for Social Research, 2008, CJS 33: 432-435.

REPORTS:

J. Fox. Behavior in Pure Conflict of Interest Situations: Experimental Studies of Two-Person Zerosum Games. Ann Arbor: University of Michigan Mental Health Research Institute, 1972. (Reprint of dissertation.)

J. Fox (R. Weingardt, ed.). TABS User's Manual: Programs for the Analysis of Contingency Tables and Grouped Data. Edmonton: University of Alberta Computing Services, 1974.

J. Fox. A Computer Program for Geographic Cluster Analysis. Edmonton: University of Alberta Population Research Laboratory, 1977.

J. Fox and B. Fox. Occupational Gender Segregation of the Canadian Labour Force, 1931-1981. York University Institute for Social Research, 1987.

J. Fox. Effect Displays for Generalized Linear Models. York University Institute for Social Research, 1987.

J. Fox and C. Suschnigg. Gender and the prestige of occupations. York Institute for Social Research, 1988.

J. Fox. Displaying univariate distributions. York Institute for Social Research, 1989.

J. Fox and G. Monette. Generalized collinearity diagnostics. Population Studies Center, University of Michigan, 1990.

J. Fox. Statistical graphics. Population Studies Center, University of Michigan, 1990.

J. Fox. Diagnosing and correcting problems in regression analysis. Population Studies Center, 1990.

M. Friendly and J. Fox. Graphical display of categorical data. York Institute for Social Research, 1992.

M. Friendly and J. Fox. Using APL2 to Create an Object-Oriented Environment for Statistical Computation. York University Department of Psychology, 1993.

OTHER:

J. Fox. Use real data in teaching statistics. *The Sociological Methodologist* (newsletter of the Methodology Section, American Sociological Association). 1995.

J. Fox, M. Friendly, and G. Monette. The York Statistical Consulting Service. *Liaison* (the newsletter of the Statistical Society of Canada), 2004, 18.2:36-42.

J. Fox. Preface to Maribel Peró Cebollero, David Leiva Ureña, Joan Guàrdia Olmos, Antonio Solanas Pérez, *Estadística aplicada a las ciencias sociales mediante R y R-Commander*, Garceta grupo editorial (2012).

PAPERS PRESENTED AT CONFERENCES:

INVITED:

J. Fox. Some aspects of measuring resemblance for taxonomy. Invited paper for the National Science Foundation Conference on Classification of Social and Cultural Data, 1977.

J. Fox. Statistical data analysis in the social sciences. Memorial Conference for Clifford Clogg 1996.

J. Fox, R. Stine, Georges Monette, and N. Vohra. Detecting Clusters and Nonlinearity in 3D Dynamic Graphs. Session: The Best of the Journal of Computational and Graphical Statistics. 34th Symposium on the Interface: Computing Science and Statistics, 2002.

J. Fox. Getting Started With the R Commander: A Basic-Statistics Graphical User Interface to R. useR! Conference, 2004.

J. Fox. Teaching social science statistics courses with R. useR! Conference, 2006 (Keynote lecture).

J. Fox. Social Organization of the R Project. useR! Conference, 2008 (Keynote lecture).

CONTRIBUTED, REFEREED:

W. Carroll, J. Fox, and M. Ornstein. A network analysis of interlocking directorates among the 100 largest Canadian corporations. Western Association of Sociology and Anthropology, 1976.

P. Kohn and J. Fox. Factors in youthful drug use. Canadian Psychological Association, 1977.

- J. Fox. A simplified method of effect decomposition in recursive and nonrecursive simultaneous equation models. Canadian Sociology and Anthropology Association (CSAA), 1978.
- J. Fox. Analysis of residuals from linear models. CSAA, 1980.
- J. Fox. Detecting changes of level and slope in repeated-measures data. American Sociological Association (ASA), 1981.
- B. Fox and J. Fox. The female reserve army of labour. CSAA, 1981.
- W. Carroll, J. Fox, and M. Ornstein. Longitudinal analysis of directorate interlocks. CSAA, 1981.
- J. Fox and M. Ornstein. The unity of state and corporate elites. CSAA, 1983.
- B. Fox and J. Fox. Labour-market effects of women's employment: 1931-1981. CSAA, 1985.
- B. Fox and J. Fox. Occupational gender segregation of the Canadian labour force, 1931-81. CSAA, 1987.
- J. Fox and C. Suschnigg. Gender and the prestige of occupations. CSAA, 1989.
- J. Fox and G. Monette. Generalized collinearity diagnostics. ASA, 1990.
- J. Fox and M. Friendly, APL2 as an environment for statistical computation and data analysis. Computing in the Social Sciences, 1992.
- R. Andersen, J. Fox, and J. DuBonnet. Newspaper accounts of polls in the 1995 Quebec Sovereignty Referendum, Canadian Sociology and Anthropology Association, June 1997.
- J. Fox, R. Andersen, and J. DuBonnet. The polls, the press, and the 1995 Quebec referendum. American Sociological Association, 1997.
- R. Andersen and J. Fox. The polls and the 1997 Canadian federal election. Canadian Sociology and Anthropology Association, 1998.
- J. Fox and R. Stine. A Lisp-Stat-based system for experimentation in 3D statistical graphics. 30th Symposium on the Interface: Computing Science and Statistics, 1998.
- J. Fox and R. Andersen. Effects displays for multinomial and proportional-odds logit models. American Sociological Association Methodology Conference, 2004.
- J. Fox, Michael Friendly, and Georges Monette. Visualizing hypothesis tests in multivariate linear models: The heplots package for R. Directions in Statistical Computing, 2007.

M. Friendly and J. Fox. Visualizing hypothesis tests in multivariate linear models. 22nd International Workshop on Statistical Modelling, 2007.

G. Monette and J. Fox. A framework for hypothesis tests in statistical models with linear predictors. useR! Conference, 2009, Rennes, France.

J. Fox. RcmdrPlugin.survival: An R Commander Plug-in Package for Survival Analysis. useR! Conference, 2010, NIST, Maryland, USA.

J. Fox. Tests for Multivariate Linear Models with the car Package. useR! Conference, 2011, Coventry, UK.

J. Fox. The R Commander and Plug-Ins. International Statistical Institute, 2011, Dublin, Ireland.

J. Fox and M. Bouchet-Valat. The R Commander, Version 2: An Improved Graphical User Interface for R.. useR! Conference, 2014, Los Angeles.

J. Fox and S. Weisberg. Visualizing Lack of Fit in Complex Regression Models: Adding Partial Residuals to Effect Displays. useR! Conference, 2014, Los Angeles.

LECTURES AND BRIEF WORKSHOPS (Invited, last five years)

Introduction to the R Statistical Computing Environment. ICPSR, Ann Arbor, 2008-2012 (Lecture Series)

An introduction to R. York University Statistical Consulting Service, 2008 (Workshop)

Linear Models, Logit and Probit Models, Generalized Linear Models. Summer Programme in Data Analysis, York University Statistical Consulting Service, 2008, 2011, 2012 (Workshop)

Maximum-likelihood estimation. Summer Programme in Data Analysis, York University Statistical Consulting Service, 2008, 2011 (Lecture)

An introduction to structural equation modeling. FIOCRUZ, Brazil 2008 (Workshop).

Programming in R. ICPSR Summer Program, 2009 (Workshop)

Regression diagnostics. FIOCRUZ, Brazil, 2009 (Workshop)

Effect displays. FIOCRUZ, Brazil, 2009 (Lecture)

Introduction to statistical computing in R. University of Wisconsin, Madison, 2010 (Workshop).

Introduction to Statistical Computing in R. McMaster University Faculty of Social Sciences, 2011. (Workshop)

The R Statistical Computing Environment: The Basics and Beyond. University of California, Berkeley, 2012 (Workshop)

R Statistical Computing Environment: The R Project, data analysis in R, statistical models in R, structural equation modeling, the R Commander, MANOVA and repeated-measures ANOVA, University of Barcelona, and Catalan Statistical Society, 2012 (Lectures)

Tutorial Lectures on R: structural equation modeling, effect displays, extending the R Commander by plug-ins, 2012, Institute of Statistical Mathematics, Tokyo (Lectures)

An Introduction to structural equation modelling with the sem package for R. International Workshop on Statistical Modeling, Palermo, 2013 (Workshop).

JOURNAL MANUSCRIPT REVIEWS:

- American Journal of Sociology (formerly, editorial board)
- American Sociological Review
- American Sociologist
- American Statistician
- Behavior Research Methods, Instruments, and Computers
- Behavioral Science
- Canadian Ethnic Studies Journal
- Canadian Studies in Population
- Canadian Journal on Aging
- Canadian Journal of Sociology (formerly, editorial board)
- Canadian Review of Sociology and Anthropology
- Computer Methods and Programs in Biomedicine
- Current Anthropology
- Encyclopedia of Actuarial Science
- Environmental Monitoring and Assessment
- Evaluation and Program Planning
- Insurgent Sociologist (formerly, editorial board)
- Journal of Computational and Graphical Statistics
- Journal of Mathematical Sociology
- Journal of Statistical Software (editorial board)
- Psychological Bulletin
- Psychological Methods
- Psychometrika
- R Journal/R News (formerly editorial board & editor-in-chief)
- Social Forces

Sociological Focus
Sociological Methodology (editorial board)
Sociological Methods and Research (formerly, editorial board)
Social Psychology Quarterly
Structural Equation Modeling
Technometrics

RESEARCH GRANT REVIEWS

Social Sciences and Humanities Research Council of Canada
Natural Sciences and Engineering Research Council of Canada
National Science Foundation (U.S.)
Connaught Grants, University of Toronto

MONOGRAPH SERIES EDITORSHIP

Quantitative Applications in the Social Sciences (QASS), Sage Publications.

ADVISORY/STEERING, ETC. COMMITTEES

Oxford University ESRC Spring School

Inter-University Consortium for Political and Social Research (ICPSR) Summer Program
in Quantitative Methods of Social Research

York University Summer Programme in Data Analysis

Elected Member of Council of the Inter-University Consortium for Political and Social
Research

Elected Member of the R Foundation