Curriculum Vitae

Nancy Margaret Reid O.C.

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BIOGRAPHICAL INFORMATION

Personal

University Address: Department of Statistical Sciences
University of Toronto
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Degrees

1974	B.Math	University of Waterloo
1976	M.Sc.	University of British Columbia
1979	Ph.D.	Stanford University
		Thesis: "Influence functions for censored data"
		Supervisor: R.G. Miller, Jr.
2015	D.Math. (Honoris Causa)	University of Waterloo

Employment

1-3/2020	Visiting Professor	SMRI	University of Sydney
1-3/2020	Visiting Professor	Monash University	Melbourne
10-11/2012	Visiting Professor	Statistical Science	University College, London
2007-2021	Canada Research Chair	Statistics	University of Toronto
2003-	University Professor	Statistics	University of Toronto
1988-	Professor	Statistics	University of Toronto
2002-2003	Visiting Professor	Mathematics	EPF, Lausanne
1997-2002	Chair	Statistics	University of Toronto
1987-	Tenured	Statistics	University of Toronto
1986-88	Associate Professor	Statistics	University of Toronto
		Appointed to School of Graduate Studies	
1986/01-06	Visiting Associate Professor	Mathematics	Univ. of Texas at Austin
1985/07-12	Visiting Associate Professor	Biostatistics	Harvard School of Public Health
1985-86	Associate Professor	Statistics	Univ. of British Columbia
	Tenured	Statistics	Univ. of British Columbia
1980-85	Assistant Professor	Statistics & Mathematics	Univ. of British Columbia
1979-80	Nato Postdoctoral Fellow	Mathematics	Imperial College, London

Honours

2024	Grace Wahba Award and Lecture, Institute of Mathematical Statistics
2023	Snedecor Lecturer, Iowa State University
2023	David R Cox Foundations of Statistics Award, American Statistical Association
2022	Guy Medal in Gold, Royal Statistical Society

2022 Distinguished Achievement Award and Lecture, Committee of Presidents of Statistical Societies
2020 Inaugural Hollander Lecturer, Florida State University
2020 Josiah Gibbs Lecture, American Mathematical Society Annual Meeting
2018 Fellow, Royal Society of London
2017 Wijsman Memorial Lecture, University of Illinois Urbana-Champaign
2017 DeGroot Memorial Lecture, Carnegie-Mellon University
2016 Foreign Associate, National Academy of Sciences
2016 Guy Medal in Silver, Royal Statistical Society
2016 Fisher Memorial Lecturer, Fisher Memorial Trust
2015 Invited Speaker, 8th International Congress on Industrial and Applied Mathematics, Beijing, China
2015 Doctor of Mathematics, Honoris Causa, U Waterloo
2015 Elected Fellow of the Royal Society of Edinburgh
2014 Appointed Officer of the Order of Canada
2013 Distinguished Service Award, Statistical Society of Canada
2009 F.N. David Award, Committee of Presidents of Statistical Societies
2009 Gold Medal, Statistical Society of Canada
2009 Kuwait Lecture, University of Cambridge
2009 Ralph Bradley Lecturer, University of Georgia
2008 Emanuel and Carol Parzen Prize for Statistical Innovation
2007 Craig Lectures: University of Iowa
2007 Invited Lecture: 10th Anniversary Lecturer Series, Pacific Institute for Mathematical Sciences
2003 Distinguished Alumni Achievement Award, University of Waterloo
2003 Elected Fellow, Fields Institute for Research in the Mathematical Sciences
2002 Elected Fellow, American Association for the Advancement of Science
2001 Elected Fellow, Royal Society of Canada
2000 Wald Lecturer, Institute of Mathematical Statistics
1999 Kreeger-Wolf Lecturer, Northwestern University
1998 Hotelling Lecturer, University of North Carolina
1998 Forum Lecturer, European Meeting of Statisticians
1998 Regents' Lecturer, UC Davis
1995 First recipient of the Canadian Mathematics Society's Krieger-Nelson Prize Lectureship
1992 President's Award of the Committee of Presidents of Statistical Societies
1991 Elected Member of the International Statistical Institute
1989 Elected Fellow of the Institute of Mathematical Statistics
1989 Elected Fellow of the American Statistical Association

Professional Affiliations and Activities

President-elect:	Bernoulli Society, 2023–2025
Member:	Professorial Search Committee, Department of Mathematics, EPFL 2023
Member:	Bernoulli Society New Researcher Award Committee 2023
Member:	Finance Committee, Royal Society of Canada 2021–2023
Member:	Committee on Council Affairs, American Association for the Advancement of Science 2021–2023
Member:	Medals and Awards Committee, Royal Society, 2021 – 2023
Member:	Expert Advisory Board, BIAS project, 2020 – 2022
Member:	Board of Directors, International Society for Bayesian Analysis, 2019–2021
Member:	International Jury, 1000 Ideas Programme, Austrian Science Fund, 2019–2020
Member:	ASA Task Force on Statistical Significance and Reproducibility, 2019–2021
Member:	CMS Committee to select Mitacs Innovation Lecturer, 2019–2022
Member:	Steering Committee on Explainable AI, Royal Society, 2018–2019

Associate Editor:	Harvard Data Science Review, 2019–
Co-Chair:	Ad hoc Committee on Ethics, Institute of Mathematical Statistics, 2018–2020
Chair:	Organizing Committee, Workshop on Statistical Inference, Learning and Models in Data Science Toronto, 2018
Member:	Organizing Committee, Fourth International Conference on Big Data and Information Analytics Houston, 2018
Member:	Committee on Applied and Theoretical Statistics, National Academy of Sciences, 2017–2023
Member:	Council of the American Association for the Advancement of Science, 2017–2023
Member:	Working group on fellowship, Royal Society of Canada, 2017
Editor:	Annual Review of Statistics and its Application, 2017–2021
External Advisor:	Institute for Science and Technology, Austria, December 2015 – 2019
Associate Editor:	Latin American Journal of Probability and Mathematical Statistics, 2016 – 2018
Director:	Canadian Statistical Sciences Institute, 2015 – 2019
Member:	Budget Committee, Institute of Mathematical Statistics 2014 – 2015
Member:	Awards Committee, International Statistical Institute 2014 – 2016
Member:	Distinguished Lectures Committee, Institute of Mathematical Statistics 2013 – 2016 (chair 2015 – 2016)
Member:	Scientific Advisory Board, Banff International Research Station, 2014 – 2018
Member:	F.N. David Award committee, COPSS, 2014 – 2015
Member:	Diesel Epidemiology Expert Panel, Health Effects Institute, 2013 – 2015
Member:	External Review Committee, Department of Statistics and Actuarial Science, Western University, December, 2013
Member:	Board of Directors, Canadian Statistical Sciences Institute, 2013 –
Member:	Committee of Visitors to review the Division of Mathematical Sciences, National Science Foundation, 2013
Area editor:	*Bernoulli*, 2013 – 2015
Chair:	Steering Committee for Thematic Program on Big Data, Fields Institute & CANSSI, 2013 – 2015
Member:	Advisory Board, iLike Centre for Research in Likelihood, University of Warwick, UK 2013 – 2016
Chair:	Invited Papers Program, Institute of Mathematical Statistics at JSM 2014
Member:	Council, Institute of Mathematical Statistics 2012–2015
Member:	Nominating Committee, International Statistical Institute 2010–2013
Member:	Programme Committee, European Regional Meeting of Statistics 2012
Member:	Nominating Committee, Bernoulli Society 2011–2013
Organizing Cttee:	Workshop on Composite Likelihood, BIRS 2011–2012
Session Organizer:	Session on Composite Likelihood, 8th World Congress in Probability and Statistics
Associate Editor:	Annual Review of Statistics and its Application, 2011–2016
Chair:	Long Range Plan Steering Committee for Mathematics and Statistics, NSERC, 2010–2012
Member:	F.N. David Award committee, IMS, 2010–2013 (Chair, 2012-13)
Member:	Noether Award committee, ASA, 2010 – 2013
Session Organizer:	Session on Composite Likelihood, IMS Annual Meeting, 2010, Gothenburg
Member:	Bernoulli Society Council, 2009–2013
Member:	OCGS Review Panel, Graduate programs in mathematics and statistics, U Ottawa, Carleton
Associate Editor:	*Brazilian J. Statist.*, 2010 –
Chair:	Committee to select administrative officers, IMS, 2009–2012
Member:	Electorate Nominating Committee, Section on Statistics, AAAS, 2009–2012

Associate Editor:	*Statistical Science*, 2008 –
Associate Editor:	*Metrika*, 2008 –
Chair:	External Review Committee, Department of Statistics, UBC, January 2008
Associate Editor:	*Bernoulli*, 2007 – 2013
Member:	Scientific Program Committee, ICIAM 2011, 2007– 2010
Chair:	NSERC Liaison Committee for Statistical Sciences, 2007–09
Member:	Program Committee, Warwick Workshop on Composite Likelihood Methods, 2007–2008
Chair:	Nomination Committee: Fields Institute Distinguished Lecture Series on Statistics, 2008–2010
Chair:	Awards Committee, Statistical Society of Canada, 2006–2007
Member:	External Review Committee, Computational and Mathematical Sciences, UTSC, April 2007
Chair:	Organizing Committee, BIRS Workshop on Statistics and Physics, Banff July 2006
Member:	Scientific Advisory Board, Gene-Environment Interactions in Type 1 Diabetes, PI Dr. J. Danska, 2006 – 2008
Past-President:	Statistical Society of Canada, 2005–2006
Member:	Review Committee, Department of Statistics, UC Berkeley, April 2006
Member:	NSERC Liaison Committee for Mathematical Sciences, 2005–2006
Member:	NSF Grant Review Panel, December 2005
President:	Statistical Society of Canada, 2004–2005
Member:	PIMS Scientific Review Panel 2005–2009
Panellist:	NSF Review Panel for SAMSI, 2005
Member:	External review committee, Department of Statistics, U Western Ontario, December, 2003
Associate Editor:	*J. Royal Statistical Society*, Series B, July 2003 –2007
President Elect:	Statistical Society of Canada, 2003–2004
Session organizer:	Annual Meeting of the Statistical Society of Canada, June 2003
Member:	Committee on women in scholarship, Royal Society of Canada, Jan 2003–2006
Member:	Committee to select DLSS, Fields Institute, Jan 2003– (Chair 2006-9)
Member:	Scientific committee, National Program on Complex Data Structures, April 2002 –
Member:	External review committee, Carnegie-Mellon University, February 2002
Member:	Reallocations committee for GSC 14 (Statistics) Chair of Subcommittee on National Program for Statistics
Member:	Search committee for Editor of *J. Amer. Statist. Assoc.* October 2001.
Member:	Harry Carver Award Committee Institute of Mathematical Statistics. 2001-2003.
Member:	Awards committee, Statistical Society of Canada. 2001-04.
Member:	Scientific Board, Banff International Research Station. December 2001 –06
Member:	Screening Panel, National Science Foundation, December 2001
Member:	External Review Committee, Northwestern University, May 2001
Member:	Review Committee, Health Effects Institute, 2001 – 2008
Member:	External Review Committee, Rutgers University, April 2000
Member:	Research Advisory Board, Fields Institute for Research in Mathematical Sciences, 1999 –2003
Member:	Research Management Committee, National Centre of Excellence in Mathematics of Information Technology and Complex Systems, 1999 –2004
Member:	Committee on Fellows, American Statistical Association, 1999, 2000
Chair:	External review committee, Department of Statistics, University of California at Santa Barbara, 1999
Vice President:	International Statistical Institute, 1999 –2001
Associate Editor:	*Annals of Statistics*, 1998 – 2003

Chair:	Program Committee for Statistics Theme Year Centre de Recherches Mathématiques, Montreal, 1997 –98
Member:	NSERC Council, 1995 –1998
President-Elect:	Institute of Mathematical Statistics, 1995 –6
President:	Institute of Mathematical Statistics, 1996 –7
Past-President:	Institute of Mathematical Statistics, 1997 –8
Editor:	*Canadian Journal of Statistics*, 1995 –97
Member:	Committee to visit the Department of Statistics, Carnegie-Mellon, 1997 –1999
Session Organizer:	Annual Meeting of the Statistical Society of Canada, Waterloo, May 1996
Panellist:	Panel Discussion on Women in Science, RCI, Toronto, Jan 1996
Editorial Board:	Encyclopedia of Statistical Sciences update volumes, 1995 – 1998
Program Committee:	Sydney International Statistics Congress, Sidney, 1996
Program Cttee:	Bernoulli Society at 50th Session of the ISI, Beijing 1995
Program Cttee:	Third World Congress of the Bernoulli Society and the IMS, North Carolina, June 1994
Member:	IMS Committee on Fellows 1993-96
Member:	External review committee of the Department of Statistics, Univ. of British Columbia, Nov 1993
Member:	IMS nominating committee 1992-93
Member:	SSC Publications Committee 1992-94
Member:	Best Paper Award Committee, Canadian J. Statistics, 1993, 1994, 1995, 1996
Session Organizer:	IMS Special Topics meeting on "Likelihood", Penn. State University, October 24-26, 1992
Associate Editor:	*Statistical Science* 1992-94
Program Cttee:	Fifth International Meeting on Statistics & Climatology, Toronto, June 1992
Session Organizer:	Invited Paper Session on "Inference", Annual Meeting of the Statistical Society of Canada, Toronto, June, 1991
Chair:	Ad Hoc Committee on Double-Blind Refereeing, IMS, 1991-2
Member:	Council of the Bernoulli Society 1991-4
Member:	Committee to visit the Department of Statistics, Harvard University, 1991-6
External Appraiser:	D.Sc. degree for I.M. Skovgaard, Copenhagen, May 1991
Associate Editor:	Chapman and Hall monographs. 1991-
Session Organizer:	Invited Paper Session on "Likelihood", 53rd Annual Meeting of the Institute of Mathematical Statistics, Uppsala, Sweden, August, 1990
Program Chair:	Workshop on "Likelihood inference and complex stochastic models", Niagara-on-the-Lake, June 24-29, 1990
Program Chair:	208th Meeting of the Institute of Mathematical Statistics, Lexington Kentucky, March, 1989
Session Organizer:	Invited Paper Meeting and Discussion on "Likelihood Asympotics", 47th Session of the International Statistical Institute, Paris, August, 1989
Member:	IMS Council 1990-92
Member:	IMS Committee on Elections 1988-1989
Member:	IMS Committee on Special Invited Papers 1989-1991
Organizer:	Workshop on theoretical statistics in practice, U. of Toronto, 1987
Associate Editor:	*Biometrika* 1983-1993
Regional member:	Board of Directors, Statistical Society of Canada 1984-1988
Organizer:	Annual meeting of the S.S.C., Vancouver; local arrangements. 1983
Organizer:	Annual meeting of the S.S.C., Guelph; invited paper session. 1984

Member:	Statistical Society of Canada, Institute of Mathematical Statistics, American Statistical Association, Royal Statistical Society, Bernoulli Society.
Member:	Pierre Robillard Committee, S.S.C. 1986-7
Member:	Committee on Statistical Education, S.S.C. 1987
Regional Member:	Board of Directors, S.S.C. 1984-87
Refereeing for:	Biometrika, Biometrics, J. American Statistical Assoc., Annals of Statistics, J. Royal Statistical Society Series B, Canadian J. Statist., Communications in Statistics, J. Multivariate Analysis, Applied Statistics, J. Statistical Planning and Inference, Annals of the Institute of Statistical Mathematics, American Statistician, Ann. Applied Probab., Scand. J. Statist., J. Econometrics, Comput. Statist. and Data Anal., Rebrape, Nonparametric Statist., J. Appl. Probab., Australian J. Statist., The Statistician, J. Climate, Stat. Sinica, IMS Monograph Series, NSERC, NSF, NSA, Math Reviews

ACADEMIC HISTORY

Research Awards

2021-2026	$43,000 pa	NSERC	Discovery grant
2017	$15,000	Mitacs	Accelerate Internship
2015-2020	$41,000 pa	NSERC	Discovery grant
2010-2013	$170,000	NSERC	Long Range Plan for Mathematics and Statistics
2004-2015	$48,000 pa	NSERC	Discovery grant
2005-2012	$5,000 pa	NCE	MITACS project on complex data
2007-2021	$10,000 pa	NSERC	Canada Research Chair research grant
2003-	$10,000 pa	U Toronto	University Professor research grant
2001-2003	$48,000 pa	NSERC	Equipment grant (p.i.)
2000-2004	$40,000 pa	NSERC	Operating grant
1999-2001	$76,000	NSERC	Equipment grant (co-p.i. with Neal)
1997-2000	$29,700 pa	NSERC	Operating grant
1993-1996	$27,000 pa	NSERC	Operating grant
1991-1993	$38,300	NSERC	Equipment grant (with Tibshirani, Leblanc, Andrews, Fraser)
1990-1993	$24,460 pa	NSERC	Operating grant
1987-1990	$16,900 pa	NSERC	Operating grant
1985-1986	$10,000	SSHRC	Leave fellowship
1984-1987	$10,000 pa	NSERC	Operating grant
1981-1984	$ 4,050 pa	NSERC	Operating grant

SCHOLARLY & PROFESSIONAL WORK

Refereed Publications

1. Koziol, J.A. and Reid, N. (1977). On multiple comparisons among K samples subject to unequal patterns of censorship. *Communications in Statistics* **A6**, 1149-1164.
2. Koziol, J.A. and Reid, N. (1977) On the asymptotic equivalence of two ranking methods for K-sample linear rank statistics. *Annals of Statistics* **5**, 1099-1106.
3. Koziol, J.A., Reid, N. and Levitt, M.H. (1979). A simple nonparametric test for trend: an example based on a biological model of the pancreas. *Biometrische Zeitschrift* **20**, 503-509.

4. Lagakos, S.W. and Reid, N. (1981). Estimating convolutions from partially censored data. *Biometrika* **68**, 113-118.
5. Reid, N. (1981). Estimating the median survival time. *Biometrika* **68**, 601-608.
6. Reid, N. (1981). Influence functions for censored data. *Annals of Statistics* **9**, 78-93.
7. Reid, N. (1983). Influence functions. Encyclopedia of Statistical Sciences. N.L. Johnson and S. Kotz, eds., 117-119.
8. Begun, J.M. and Reid, N. (1983). Estimating the relative risk with censored data. *J. Amer. Statist. Assoc.* **78**, 337-341.
9. Joe, H. and Reid, N. (1985). Estimating the number of faults in a system. *J. Amer. Statist. Assoc.* **80**, 222-226.
10. Reid, N. and Crepeau, H. (1985). Influence functions for proportional hazards regression. *Biometrika* **72**, 1-10.
11. Crepeau, H., Koziol, J.A., Reid, N., and Yuh, H.Y. (1985). Analysis of incomplete multivariate data from repeated measurement experiments. *Biometrics* **41**, 505-514.
12. Reid, N. (1985). Curvature and linear rank statistics. *Canadian J. Statist.* **12**, 155-166.
13. Barndorff-Nielsen, O.E., Cox, D.R. and Reid, N. (1986). The role of differential geometry and in statistical theory.. *Inter. Stat. Inst. Rev.* **54**, 83-96.
14. Cox, D.R. and Reid, N. (1987). Parameter orthogonality and approximate conditional inference. *J.R. Statist. Soc. B* **49**, 1-39. (with discussion).
15. Cox, D.R. and Reid, N. (1987). Approximations to noncentral distributions. *Canad. J. Statist.* **15**, 105-114.
16. Reid, N. (1988) Saddlepoint methods and statistical inference. *Statistical Science* **3**, 213-238.
17. Fraser, D.A.S. and Reid, N. (1988). On conditional inference for a real parameter: a differential approach on the sample space. *Biometrika* **75**, 251-264.
18. Fraser, D.A.S. and Reid, N. (1988). A comparison of two approaches to conditional inference. *Statistical Papers* **29**, 271-280.
19. Cruddas, A.M., Reid, N. and Cox, D.R. (1989). A time series illustration of modified profile likelihood. *Biometrika* **76**, 231-238.
20. Cox, D.R. and Reid, N. (1989). On the stability property of maximum likelihood estimators of orthogonal parameters. *Canad. J. Statist.* **17**, 229-233.
21. Fraser, D.A.S. and Reid, N. (1989). Adjustments to profile likelihood. *Biometrika* **76**, 477-488.
22. Jardine, A.K.S., Ralston, P., Reid, N. and Stafford, J. (1989). Proportional hazards analysis of diesel engine failure data. *Quality and Reliability Engineering International* **5**, 207-216.
23. Fraser D.A.S., H.-S. Lee and Reid, N. (1990). Non-normal linear regression: an example of significance levels in high dimensions. *Biometrika* **77**, 333-341.
24. Fraser D.A.S., Reid, N. and A. Wong (1991). Exponential linear models: a two-pass procedure for saddlepoint approximation. *J. R. Statist. Soc.* B **53**, 483-492.
25. Ferguson, H. Reid, N. and Cox, D.R.(1991). Estimating equations from modified profile likelihood in *Estimating Functions*, V.P. Godambe, ed.: Oxford University Press, 279-294.
26. Cox, D.R. and Reid, N. (1992). A note on the difference between profile and modified profile likelihood. *Biometrika* **79**, 408-411.
27. Cheah, P.K., Fraser, D.A.S., Reid, N. and Tapia, A. (1992). Third order asymptotics: connenctions among test quantities. *Commun. Statist. A* **21**, 2127-2133.

28. Bell, T. and Reid, N. (1993). Statistical analysis of tropical rainfall data. *J. Applied Meteorology*, **32**, 311-322.

29. Cox, D.R. and Reid, N. (1993). A note on the calculation of adjusted profile likelihood. *J. R. Statist. Soc.* B **55**, 467-472.

30. Fraser, D.A.S. and Reid, N. (1993). Third order asymptotic models: likelihood functions leading to accurate approximation to distribution functions. *Statist. Sinica* **3**, 67-82.

31. Raboud, J. Coates, R. Farewell, V. and Reid, N. (1993). Estimating risks of progressing to AIDS when covariates are measured with error. *J. R. Statist. Soc.* A **156**, 393-406.

32. Cheah, P.K., Fraser, D.A.S. and Reid, N. (1993). Some alternatives to Edgeworth. *Canad. J. Statist.* **21**, 131-139.

33. Cheah, P.K., Fraser, D.A.S. and Reid, N. (1994). Multiparameter testing in exponential models: third order approximations from likelihood. *Biometrika* **81**, 259-270.

34. Zhu, Y.-L. and Reid, N. (1994). Information, ancillarity and efficiency in the presence of nuisance parameters. *Canad. J. Statist.* **22**, 111-124.

35. Reid, N. (1995) The roles of conditioning in inference (with discussion). *Statistical Science* **10**, 138-157.

36. Fraser, D.A.S. and Reid, N. (1995) Ancillaries and third order significance. *Utilitas Math.* **47**, 33-53.

37. Reid, N. (1996) Asymptotic Expansions. *Encyclopedia for Statist. Sciences, Update Volume*, eds. S. Kotz, C.B. Read, D.L. Banks. New York, Wiley. pp. 32-39. updated in Reid (2017).

38. Reid, N. (1996) Cornfield's Lemma. *Encyclopedia for Statist. Sciences, Update Volume*, eds. S. Kotz, C.B. Read, D.L. Banks. New York, Wiley. pp. 163–164.

39. Reid, N. (1996) Likelihood and Bayesian approximation methods. *Bayesian Statistics V*, eds. J.O. Berger, J.M. Bernardo, A.P. Dawid, A.F.M. Smith, Oxford University Press 351–368.

40. Reid, N. (1996) Likelihood and higher order approximations to tail areas: a review and annotated bibliography. *Canad. J. Statist.* **24**, 141–166.

41. Viraswami, K. and Reid, N. (1996) Higher order asymptotics under model misspecification. *Canad. J. Statist.* **24**, 263–278.

42. Zhu, Y.-L. and Reid, N. (1996) Efficient likelihood ratio tests under P-ancillarity and P-sufficiency. *Statist. Probab. Letters* **29** 213–221.

43. Mukerjee, R., and Reid, N. (2001) Comparison of test statistics via expected lengths of associated confidence intervals. *J. Statist. Plan. Infer.*, **97** 141–151.

44. Fraser, D.A.S., Reid, N. and Wu, J. (1997) Estimating functions and higher order significance. in *Proceedings of a Symposium on Estimating Functions* eds. I Basawa and V. Godambe. Institute of Mathematical Statistics, Hayward. pp. 105–114.

45. Seifu, Y. and Reid, N. (1997) Applications of univariate and bivariate local Lyapunov exponents. *Canad. J. Statist.* **25**, 559–579.

46. Fraser, D.A.S., Reid, N. and Wong, A. (1997) Simple and accurate inference for the mean of the gamma model. *Canad. J. Statist.* **25**, 91–99.

47. Reid, N. (1998) Ancillary statistics. *Encylopedia of Biostatistics*.

48. Reid, N. (1998) Influence functions in survival analysis. *Encyclopedia of Biostatistics*.

49. Reid, N. (1997) Asymptotic theory and the foundations of statistics. *Canad. Math. Bull.* **40** 231–243.

50. Viraswami, K. and Reid, N. (1998) A note on the Likelihood Ratio Statistic under Model Misspecification. *Canad. J. Statist.* **26**, 161–168.

51. Mukerjee, R. and Reid, N. (1999) On a property of probability matching priors: matching the alternative coverage probabilities. *Biometrika*, **86**, 333–340.

52. Fraser, D.A.S. and Reid, N. (2001) Ancillary information for statistical inference. in *Empirical Bayes and Likelihood Inference*, eds. E. Ahmed and N. Reid. Springer-Verlag, New York. 185-210.
53. Fraser, D.A.S., Reid, N. and Wu, J. (1999) A simple general formula for tail probabilities for frequentist and Bayesian inference. *Biometrika* **86**, 249–264.
54. Mukerjee, R. and Reid, N. (1999) On confidence intervals associated with the usual and adjusted likelihoods. *J. R. Statist. Soc.* B **61**, 945–954.
55. Reid, N. and Fraser, D.A.S. (2000). Higher order asymptotics: costs and benefits. in *Statistics for the 21st century*, C.R. Rao and G.J. Szekely, eds., 351–365. Marcel Dekker: New York.
56. Fraser, D.A.S. and Reid, N. (2002). Strong matching of frequentist and Bayesian parametric inference. *J. Statist. Plann. Infer.* **103**, 263–285.
57. Reid, N. (2000) Likelihood. *J. Amer. Statist. Assoc.*, **95**, 1335-1340.
58. Reid, N. (2001) Statistical sufficiency. *Intern. Encycl. Beh. and Soc. Sci.*, N.J. Smelser and P.B. Baltes, eds. **22**, 15044-49.
59. Reid, N. (2001) Significance, tests of. *Intern. Encycl. Beh. and Soc. Sci.*, N.J. Smelser and P.B. Baltes, eds. **21**, 14085-91.
60. Mukerjee, R. and Reid, N. (2001) On the Bayesian approach for frequentist computations. *Braz. J. Statist.*, **14** 159-166.
61. Mukerjee, R. and Reid, N. (2001) Second-order probability matching priors for a parametric function application to Bayesian tolerance limits. *Biometrika*, **88** 587–592.
62. Reid, N., Mukerjee, R. and Fraser, D.A.S. (2003) Some aspects of matching priors. *Mathematical Statistics and Applications: Festschrift for C. VanEeden* (M. Moore, S. Froda, C. Léger, eds.) 31–44. Lecture notes Monograph Series 42, Institute of Mathematical Statistics, Hayward.
63. Reid, N. (2003) Asymptotics and the theory of inference. *Ann. Statist.* **31**, 1695–1731.
64. Fraser, D.A.S., Reid, N., Li, R., and Wong, A. (2003). p-value formulas from likelihood asymptotics: Bridging the singularities. *J. Statist. Research.* **37**, 1-15.
65. Fraser, D.A.S., Reid, N. and Yun-Yi, G. (2003). Direct Bayes for interest parameters. in *Bayesian Statistics 7*, J. M. Bernardo, M. J. Bayarri, J. O. Berger, A. P. Dawid, D. Heckerman, A. F. M. Smith and M. West (eds) 529–534. Oxford University Press, Oxford.
66. Reid, N. and Fraser, D.A.S. (2003). Likelihood inference in the presence of nuisance parameters. in *Proceedings of PHYSTAT2003*, L. Lyons, R. Mount, R. Reitmeyer, eds. SLAC e-Conf C030908, 265–271.
67. Warner, G.C., Reis, P.P., Jurisica, I., Sultan, M., Arora, S., Macmillan, C., Makitie, A.A., Grenman, R., Reid, N., Sukhai, M., Freeman, J., Gullane, P., Irish, J., Kamel-Reid, S. (2004). Molecular classification of oral cancer by cDNA microarrays identifies over-expressed genes correlated with nodal metastasis. *Int. J. Cancer* **110** 857–868.
68. Cox, D.R. and Reid, N. (2004). A note on pseudo-likelihood constructed from marginal densities. *Biometrika*, **91**, 729–737.
69. Fraser, D.A.S., Reid, N. and Wong, A.C.M. (2004). Inference for bounded parameters. *Phys. Rev. D* **69**, 033002.
70. Reid, N. (2005). Asymptotics and the theory of statistics. in *Celebrating Statistics: Papers in Honour of D.R. Cox*, eds. A.C. Davison, Y.Dodge, N.Wermuth. Oxford University Press, Oxford, 73–88.
71. Fraser, D.A.S. and Reid, N. (2006) Assessing a vector parameter. *Student* **5**, 247–256.
72. Davison, A.C., Fraser, D.A.S. and Reid, N. (2006). Improved likelihood inference for discrete data. *JRSS B* **68**, 495–508.
73. Reid, N. (2006). Summary of statistical issues arising in PhyStat2005. in *Statistical Problems in Particle Physics, Astrophysics and Cosmology: Proceedings of PHYSTAT2005*, L. Lyons and M. Ünel, eds. World Scientific, London. 279–282
74. Reid, N. (2008). Some aspects of design of experiments. in *Proceedings of PHYSTAT Workshop On Statistical Issues for LHC Physics*, H.B. Prosper, L. Lyons and A. DeRoeck, eds. 99-110.

76. Staicu, A.-M. and Reid, N. (2008). On probability matching priors. *Canad. J. Statist.* **36**, 613–622.
77. Reid, N. and Sun, Y. (2010). Assessing sensitivity to priors using higher order approximation. *Commun. Statist.* A, **39**, 1373 - 1386.
78. Ghosh, M., Fraser, D.A.S., Reid, N. (2010). Ancillary statistics: a review. *Statistica Sinica*, **20**, 1309–1322.
79. Yi, G. and Reid, N. (2010). A note on misspecified estimating equations. *Statistica Sinica* **20**, 1749–1769.
80. Reid, N. and Fraser, D. A. S. (2010). Mean log-likelihood and higher-order approximations. *Biometrika* **97**, 159–170.
81. Reid, N. (2010). Likelihood. in *International Encyclopedia of Statistical Science*, ed. Miodrag Lovric, Springer-Verlag, New York. Part 11, 738741.
82. Reid, N. (2010). Estimation. in *International Encyclopedia of Statistical Science*, ed. Miodrag Lovric. Springer-Verlag, New York. Part 5, 455459.
83. Reid, N. (2010). Likelihood inference. *Wiley Interdisciplinary Reviews in Computational Statistics*, **5**, 517–525.
84. Fraser, D.A.S., Marras, E., Reid, N. and Yun-Yi, G. (2010). Default priors for Bayesian and frequentist inference. *JRSS* B **72**, 631–654.
85. Varin, C., Reid, N. and Firth, D. (2011). An overview of composite likelihood methods. *Statistica Sinica* **21**, 5–42.
86. Xu, X. and Reid, N. (2011). Consistency and robustness of the maximum composite likelihood estimator. *J. Statist. Plann. Inf.* **141**, 3047–3054.
87. Fraser, D.A.S. and Reid, N. (2011). On default priors and approximate location models. *Brazilian J. Probability and Statistics*, **25**, 353–361.
88. Reid, N. and Plante, J.-F. (2011). Statistics in the News. *American Statistician* **64**, 80–88.
89. Srivastava, M.S. and Reid, N. (2012). Testing the structure of the covariance matrix with fewer observations than the dimension. *J. Mult. Anal.* **112**, 156 – 171.
90. Reid, N. (2012). Likelihood inference for complex settings. *Canad. J. Statist.* **40**, 731–744
91. Reid, N. (2013). Aspects of likelihood inference. *Bernoulli* **19**, 1404–1418.
92. Reid, N. (2013). "The whole women thing." in *Past, Present, and Future of Statistical Science.* X. Lin, C. Genest, D.L. Banks, G. Molenberghs, D.W. Scott, J.-L. Wang, eds. Chapman and Hall/CRC, Boca Raton. pp 217–225.
93. Davison, A.C., Fraser, D.A.S., Reid, N. and Sartori, N. (2014). Accurate directional inference for vector parameters in linear exponential families. *J. Am. Statist. Assoc.* **109**, 302–314.
94. Shi, X., Wang, X.-S. and Reid, N. (2014). Saddlepoint approximation of nonlinear moments. *Statist. Sinica* **94**, 1597–1611.
95. Shi, X., Reid, N. and Wu, Y. (2014). Approximations to the ratios of moments of cumulative sums. *Canad. J. Statist.* **42**, 325–336.
96. Ventura, L. and Reid, N. (2014). Approximate Bayesian computation with modified log likelihood ratios. *Metron* **72**, 231–245.
97. Ning, Y., Liang, K.-Y. and Reid, N. (2014). Reducing the sensitivity to nuisance parameters in pseudo-likelihood functions. *Canad. J. Statist.* **42** 544–562.
98. Reid, N. and Cox, D.R. (2015). On some principles of statistical inference. *Int. Statist. Review* **83**, 293–308.
99. Reid, N. (2015). Significance, Tests of. in: James D. Wright (editor-in-chief), *International Encyclopedia of the Social & Behavioral Sciences*, 2nd edition, Vol 21. Oxford: Elsevier. pp. 957–962.
100. Reid, N. (2015). Statistical Sufficiency. In: James D. Wright (editor-in-chief), *International Encyclopedia of the Social & Behavioral Sciences*, 2nd edition, Vol 23. Oxford: Elsevier. pp. 418–422.
101. Reid, N. (2015). Approximate likelihoods. in *Proceedings of the International Congress of Industrial and Applied Mathematics* eds L. Guo, Z.-M. Ma. Higher Education Press: Beijing.

102. Franke, B., Plante, J.-F., Roscher, R., Lee, E.-S., Smyth, C., Hatefi, A., Chen, F., Gil, E., Schwing, A., Selvitella, A., Hoffman, M., Grosse, R., Hendricks, D., Reid, N. (2016). Statistical inference, learning and models in big data. *Int. Statist. Review*, **84**, 371–389. Early view posted July 2016 doi:10.1111/insr.12176
103. Fraser, D.A.S. and Reid, N. (2016). Crisis in Science? or Crisis in Statistics! Mixed messages in Statistics with impact on Science. *J Statist. Research* **47**, 107–115. Comments and discussion, 119.
104. Kass, R.E., Caffo, B.S., Davidian, M., Meng, X.-L., Yu, Bin and Reid, N. (2016). Ten simple rules for effective statistical practice. *PLOS Computational Biology* June 9: DOI:10.1371/journal.pcbi.1004961.
105. Fraser, D.A.S., Reid, N. and Sartori, N. (2016). Accurate directional inference for vector parameters. *Biometrika* **103**, 625–639.
106. Ning, Y., Yi, G., Reid, N. (2018). A class of weighted estimating equations for semiparametric transformation models with missing covariates. *Scand. J. Statist.*, **45** 87–109. doi: 10.1111/sjos.12289.
107. Reid, N. (2017). Asymptotic Expansions. Wiley StatsRef: Statistics Reference Online. 1 – 9. Update based on original article by Nancy Reid, Wiley StatsRef: Statistics Reference Online (2014) doi: 10.1002/9781118445112.stat00939.pub2
108. Reid, N. (2018). Statistical science in the world of big data. *Statist. Probab. Letters* **136**, 42–45. https://doi.org/10.1016/j.spl.2018.02.049.
109. Fraser, D.A.S. and Reid, N. (2020). Combining likelihood and significance functions. *Statist. Sinica*, **30**, 1–15. doi:10.5705/ss.202016.0508
110. Fraser, D.A.S., Reid, N. and Lin, W. (2018). When should modes of inference disagree? Some simple but challenging examples. *Ann. Appl. Statist.* **12**, 750–770.
111. Hatefi, A., Reid, N., Jafari Jozani, M. and Ozturk, O. (2020). Finite Mixture Modeling, Classification and Statistical Learning with‘ Order Statistics. *Statist. Sinica* **30**, 1881–1904. online: doi:10.5705/ss.202018.0266
112. McCormack, A., Reid, N., Sartori, N. and Theivendran, S.-A. (2019). A directional look at F-tests. *Canad. J. Statist.* **47**, 619–627. doi:10.1002/cjs.11515.
113. Carrasco, J.M.F. and Reid, N. (2019). Simplex regression models with measurement error. *Comm. Statist. Sim. Comp.*, to appear. online doi:10.1080/03610918.2019.1626881
114. Huang, J., Ning, Y., Reid, N. and Chen, Y. (2020). On specification tests for composite likelihood inference. *Biometrika* **107**, 907–917. doi:10.1093/biomet/asaa039
115. Tang, Y. and Reid, N. (2020). Modified likelihood root in high dimensions. *J. R. Statist. Soc.* B **62**, 1349–1369.
116. Reid, N. (2021). In praise of small data. *Notices of the American Mathematical Society* **68**, 105–113.
117. Davison, A.C. and Reid, N. (2022). The tangent exponential model. in *Bayes, Frequentist, Fiducial*, Xie,M., Reid, N., Berger, J.O. and Meng, X.-L. (eds). Chapman & Hall/CRC Press, to appear.
118. Reid, N. (2022). Distributions for parameters. in *Bayes, Frequentist, Fiducial*, Xie, M., Reid, N., Berger, J.O. and Meng, X.-L. (eds). Chapman & Hall/CRC Press, to appear.
119. Reid, N. (2022). D.A.S. Fraser: From Structural Inference to Asymptotics. *Canad. J. Statist.* **50**, 1104–1115.
120. Battey, H. and Reid, N. (2023). Inference in high-dimensional linear regression. *J. R. Statist. Soc.* B **85**, 149–175.
121. Reid, N. (2023). On “A Conversation with Sir David Cox”. *Harvard Data Science Review* **5**
122. DiCaterina, C., Reid, N. and Sartori, N. (2025). Directional tests in Gaussian graphical models. *Statistica Sinica* **35**, 361–387.
123. Tang, Y. and Reid, N. (2025). Asymptotic behaviour of the modified likelihood root. *Statistica Sinica*, **35**, 1559–1581. `doi:10.5705/ss.202022.0016`.
124. Xu, L., Reid, N. and Xu, X. (2024). A note on information bias and efficiency of composite likelihood. *Statistica Sinica*, **34** 523–526. `doi:10.5705/ss.202022.0167`.

125. Pan, R., Dickie, E. W., Hawco, C., Reid, N., Voineskos, A. N., Park, J. Y. (2024). Spatial-extent inference for testing variance components in reliability and heritability studies. *Imaging Neuroscience* **2**, 1–15.
126. Meyer, E.T., Shaik, A., Tang, Y., Reid, N., Reddy, K., Breiding, P., Georgeanopoulos, M., Chiaberge, M., Perlman, E., Clautice, D., Sparks, W., DeNigris, N., Trevor, M. (2023). *Nature Astronomy* **7**, 967–975.
127. Reid, N. (2024). Distributions for parameters. In *Handbook of Bayesian, Fiducial, and Frequentist Inference*, Berger, J.O., Meng, X.-L., Reid, N. and Xie, M. (eds.) CRC/Chapman & Hall, Boca Raton. 35–57.
128. Davison, A.C. and Reid, N. (2024). The tangent exponential model. In *Handbook of Bayesian, Fiducial, and Frequentist Inference*, Berger, J.O., Meng, X.-L., Reid, N. and Xie, M. (eds.) CRC/Chapman & Hall, Boca Raton. 210–237.
129. Reid, N. (2024). On partial likelihood. *J. R. Statist. Soc.* A, **187**, 567–577. `doi:10.1093/jrsssa/qnae008`
130. Tang, Y. and Reid, N. (2024). Laplace and saddlepoint approximations in high dimensions. *Bernoulli* **31**, 1759–1788.
131. Reid, N. (2024). On sufficiency and ancillarity. *Sankhya A*, **86-A**, S160–S172.. (Special issue in honour of D. Basu.) Online at `https://rdcu.be/dTBK4`.
132. Reid, N. (2024). On some publications of Sir David Cox. *Scand. J. Statist* **51**, 1425–1432.
133. Battey, H.S. and Reid, N. (2024). On the role of parametrization in models with a misspecified nuisance component. *Proc. Nat. Acad. Sci.* **36**, e2402736121.
134. Reid, N. (2024). Sir David R. Cox 15 July 1924– 18 January 2022. *Bio. Mem. R. Soc.* **77**, 69–91. `doi:10.1098/rsbm.2023.0052`

Books

1. *Statistical Theory and Modelling: in honour of Sir David Cox*, D.V. Hinkley, N.Reid, and E.J. Snell, eds. Chapman and Hall, London (1990) (a collection of 12 original essays, two of which I authored or co-authored).
2. *Empirical Bayes and Likelihood Inference.* S.E. Ahmed and N. Reid, eds. Springer-Verlag (2000). Proceedings of a CRM workshop.
3. *The Theory of the Design of Experiments.* (2000). D. R. Cox and N. Reid. Chapman and Hall: London.
4. *Applied Asymptotics: Case Studies in Higher Order Asymptotics.* (2007). A.R. Brazzale, A.C. Davison and N. Reid. Cambridge University Press: Cambridge.
5. *Inference, Asymptotics and Applications: Selected Papers of Ib Michael Skovgaard.* (2017). N. Reid, T. Martinussen (eds.) World Scientific Press: Singapore.
6. *Handbook of Bayesian, Fiducial, and Frequentist Inference.* (2024). Berger, J.O., Meng, X.-L., Reid, N. and Xie, M. (eds.) CRC/Chapman & Hall, Boca Raton.

Non-Refereed Publications

1. Raftery, A.E., Carriquiry, A.L., Daniels, M.J., Gatsonis, C., Goodman, S.N., Herring, A.H. and Reid, N. (2023). PNAS establishes a Statistical Review Committee. *PNAS* 2023 **120** e2317870120. https://doi.org/10.1073/pnas.2317870120
2. Davison, A.C., Isham, V.I. and Reid, N. (2022). Sir David Cox 1924–2022. *J. R. Statist. Soc.* A, **185**, 2295–2306. https://doi.org/10.1111/rssa.12964
3. Reid, N. (2022). Remembering David Cox. *Significance* 19, 35.
4. Battey, H. and Reid, N. (2022). Obituary: David Cox 1924–2022. *IMS Bulletin*
5. Reid, N. (2020). Contribution to the discussion of Engelke, S. and Hitz, A.S. (2020) Graphical models for extremes. *J. R. Statist. Soc.* B, **82**, 924–925.

6. Carriquiry, A., Reid, N. and Slavković, A. (2019). Stephen Elliot Fienberg 1942 – 2016: Founding Editor of Annual Review of Statistics and its Application. *Annual Review of Statistics and its Application* **6** 1–18.
7. Reid, N. (2017). Geometry, Likelihood and Inference: the Work of Bruce G. Lindsay. *Proceedings of the 2016 Joint Statistical Meetings*, American Statistical Association; Alexandria VA pp.160–165.
8. Dean, C., Heckman, N. and Reid, N. (2015). Practical suggestions for developing as an academic leader. in *Leadership and Women in Statistics*, A.L. Golbeck, I. Olkin, Y.R. Gel, eds. Chapman & Hall/CRC, Boca Raton.
9. Reid, N. and Gorham, H., along with the LRP Steering Committee (2012). Solutions for a Complex Age: Long Range Plan for Mathematical and Statistical Sciences Research in Canada. Ottawa, Canada. ISBN 978-0-9917385-2-6
10. Reid, N., Lindsay, B. and Liang, K.-Y. (2011). Introduction to Special Issue on Composite Likelihood. *Statistica Sinica* **21**, 1–3.
11. Plante, J.-F. and Reid, N. (2010). Discussion of "Towards more accessible conceptions of statistical inference." by Wild, Pfannkuch and Regan. *J. R. Statist. Soc.* A **174**, 287–288.
12. Lin, W. and Reid, N. (2010). New version of Appendix C of *Theory of Design of Experiments* by Cox and Reid. Published online `www.utstat.utoronto.ca/reid/doe.html`.
13. Gibbs, A. and Reid, N. (2009). Discussion of "What is Statistics" by Brown and Kass. *The American Statistician* **63**, 112–113.
14. Reid, N. (2008). Introduction to "Using specially designed exponential families for density estimation" by B. Efron and R. Tibshirani, in *The Science of Bradley Efron*, C. Morris and R. Tibshirani, eds., Springer-Verlag, New York. 302–304.
15. Cox, D.R. and Reid, N. (2008). The wish-list: some comments. in *Proceedings of PHYSTAT Workshop On Statistical Issues for LHC Physics*, H.B. Prosper, L. Lyons and A. DeRoeck, eds. 120-124.
16. Reid, N. (2006). Discussion of "Treatment of nuisance parameters in high energy physics" by R.D. Cousins, in *Statistical Problems in Particle Physics, Astrophysics and Cosmology: Proceedings of PHYSTAT2005*, L. Lyons and M. Ünel, eds. World Scientific, London. 86–87.
17. Reid, N. (2005). Contribution to the discussion of Model choice in time series studies of air pollution and mortality by R. D. Peng, F. Dominici and T. A. Louis, *J. R. Statist. Soc.* A **16**, p.200
18. Reid, N. (2006). Orthogonal parameters. *Encyclopedia of Statistical Sciences*, `DOI: 10.1002/0471667196.ess6059`.
19. Reid, N. (2003). Contribution to the discussion of Berger (2003): "Could Neyman, Fisher and Jeffreys have agreed on testing?". *Statist. Sci.* **18**, 27.
20. Fraser, D.A.S. and Reid, N. (2002). Contribution to the discussion of McCullagh (2002) "What is a statistical model?" *Ann. Statist.*, **30**, 1283–1286.
21. Contribution to the discussion of Chen, Lockhart and Stephens (2002) "Asymptotic theory for the transformation model." *Canad. J. Statist.*, **30**, 211–212.
22. Review of *Saddlepoint approximations* by Jens Ledet Jensen. (1996) *SIAM Review* **38** 696–697.
23. Contribution to the discussion of "The relation between theory and application in Statistics" by D.R. Cox. (1995) *TEST*, **4** 251–252.
24. Contribution to the discussion of "Empirical Bayes methods of combining likelihoods" by B. Efron, (1996) *J. Amer. Statist. Assoc.*, **91** 559.
25. A Conversation with Sir David Cox. *Statistical Science* **9**, 439-55. (1994)
26. Report of the Ad Hoc Committee on Double-Blind Refereeing (with D. R. Cox, L. J. Gleser, M. Perlman and K. Roeder). *Statistical Science* **8**, 310-330, (1993).
27. Introduction to "Structural Probability" by D.A.S. Fraser, for *Breakthroughs in Statistics*, N.L. Johnson and S. Kotz, eds., 109-113, New York, 1992.

28. Approximations and asymptotics. Ch. 12 in *Statistical Theory and Modelling*, Hinkley, Reid and Snell, eds. London, 1990.
29. Theoretical statistics. (with D.V. Hinkley) Ch.1 in *Statistical Theory and Modelling*, Hinkley, Reid and Snell, eds. London, 1990.
30. Report on Female Faculty Salary Survey, University of Toronto, November 1990 (consulting for the provostial committee on pay equity).
31. Contribution to discussion of: An ancillarity paradox in multiple regression by L.D. Brown, (1990). *Ann. Statist.* **18**, 503-507. (with D. Fraser)
32. Contribution to discussion of: The geometry of asymptotic inference by R. Kass. (1989) *Statist. Science* **4**, 231-233. (with D. Fraser)
33. Review of: Parametric statistical models and likelihood by O.E. Barndorff-Nielsen (1988) for *J.A.S.A.* **84**, 221, (1990).
34. Review of: The statistical analysis of failure time data by J.D. Kalbfleisch and R.L. Prentice (1980) for *Canad. J. Statist.* **10**, 64-66.
35. Contribution to discussion of: Nonparametric standard errors and confidence intervals by B. Efron (1981) *Canad. J. of Statist.* **9**, 167.
36. Contribution to discussion of: Relative curvature methods for nonlinearity by D.M. Bates and D.G Watts (1980). *J. R. Statist. Soc.* B **42**, 20.

Papers Presented at Meetings and Symposia

1. Reid, N. (1996). Estimating functions and higher order significance. Presented to a Symposium on Estimating Functions, Athens, Georgia, March 1996.
2. Reid, N. (1994). Likelihood and Bayesian approximation methods. Presented to the Fifth Valencia International Meeting on Bayesian Statistics, Alicante, Spain, June 3-10, 1994.
3. Reid, N. (1993). Making higher order asymptotics useful. In the Proceedings of the Conference on Statistical Inference and Biostatistics, CIMAT, Guanajuato, Mexico. March 22-26, 1993.
4. Reid, N. (1992). Aspects of modified profile likelihood. In Proceedings of the International Symposium on Nonparametric Statistics and Related Topics. A.K. Saleh, ed. pp. 423-442.
5. Reid, N. (1992). Accurate approximation of tail areas using the likelihood function. In the Proceedings of the Fourth Latin American Congress in Probability and Statistics. E. Cabana et al. eds., pp. 36-50.
6. Reid, N. (1989). The role of conditioning in inference. Special Invited Paper, I.M.S., Davis, Calif., June 1989.
7. Reid, N. (1989). Asymptotic techniques and applications. Invited Paper, A.S.A., Washington, D.C. August, 1989.
8. Fraser, D.A.S., McDunnough, P. and Reid, N. (1989). Some aspects of conditional inference. In Recent Developments in Statistics and Actuarial Science: Festschrift for M.M. Ali. p. 1-15. M.S. Haq and S.B. Provost, eds.
9. Fraser, D.A.S. and Reid, N. (1988). Fibre analysis and conditional inference. Proceedings of the 2nd Pacific Area Statistical Conference (refereed), 241-248, K. Matusita, ed.
10. Reid, N. (1986). Saddlepoint approximations in statistics. Invited address, R.S.S. Open Forum on Asymptotic Statistical Inference. Edinburgh, July 1986.

11. Reid, N. (1986). Conditional inference for censored data. Invited address, Eastern regional meeting of the I.M.S., Atlanta, March, 1986.

Invited Participant

1. NATO Research Workshop in Differential Geometry in Statistics, London, April 1984.
2. NSERC Research workshop in Asymptotic Methods in Statistical Inference, Edinburgh, June 1986.
3. Workshop on Fisherian and Bayesian inference, Brixen, June 1995.
4. Workshop on non-subjective priors, Purdue University, November, 1996.
5. Workshop on objective Bayesian methodology, Valencia, Spain, June, 1999. Invited discussant.
6. Workshop on Statistics: Challenges and Opportunities for the 21st century. National Science Foundation, May, 2002. Invited participant.
7. Workshop on National Program on Complex Data Structures. Member of planning group for next phase of funding. Banff International Research Station, April 9-13, 2007
8. Workshop on longitudinal data analysis, Gothenburg, July 2008

Invited Lectures: Meetings and Conferences

Models and parameters. Grace Wahba Lecture, Joint Statistical Meetings, Portland OR, August 2024.
When likelihood goes wrong, Pfizer Colloquium, U Connectictut, October 2024.
The role of theory in statistical science. Plenary Lecture, International Purdue Statistics Symposium, Lafayette IN, June 2023.
Partial Likelihood. Conference on 50 Years of the Cox Model, London UK, November 2022
Remembering Sir David Cox. Royal Statistical Society, Aberdeen UK, September 2022
Likelihood and its Discontents, COPSS Distinguished Achievement Award Lecture, Joint Statistical Meetings, Washington DC, August 2022
Remembering Sir David Cox. Joint Statistical Meetings, Washington DC, August 2022
Structural Inference and Asymptotics. Joint Statistical Meetings, Washington DC, August 2022
Distributions for Parameters. International Society for Bayesian Analysis World Meeting, Montreal QC, June 2022
Structural Inference and Asymptotics. Statistical Society of Canada Annual Meeting, online, June 2022
Likelihood inference in high dimensions. Conference on Statistical Decision Theory, Stanford University, May 2022
Fisher in the 21st Century, Cambridge University, April 2022
Data-dependent priors, Workshop in honour of Edward George, U Penn, December 2021
Joint Statistical Meetings, Online, August 2021
Statistics 2021 Conference, Online, July 2021
Women in Machine Learning Unconference, Online, July 2020
Joint Mathematics Meeting, Denver US, January 2020
OBayes 2019 Conference, Warwick, UK, June 2019
The Third Workshop on Higher-Order Asymptotics and Post-Selection Inference, St. Louis, September 2018
Workshop in honour of Anthony Davison, Lausanne, Switzerland September 2018
Royal Society New Fellows Meeting, London, UK, July 2018
Joint Statistical Meetings, Speaker with Lunch Series, Vancouver BC, August 2018
Fifth Bayesian, Fiducial and Frequentist Conference, Ann Arbor MI, May 2018
Celebrating the Foundations and Impact of Statistics: A Symposium Honoring the 95th Birthday of Herman Chernoff, Boston MA, April 2018

BayesComp, Barcelona, March 2018
Fourth Bayesian, Fiducial and Frequentist Conference, Boston MA, May 2017
Fisher Memorial Trust Lecture, London, October 2016
Invited Speaker, Celebrating Women in Statistics and Data Science, Charlotte NC, October 2016
Invited Speaker, Joint Statistical Meetings, Chicago, August 2016
Invited Speaker, 10th International Conference on Scientific Computing and Applications, Toronto, June 2016
Invited Speaker, 4th iLike Workshop , Lancaster, June 2016
Invited Speaker, Massey Grand Rounds, Toronto, April 2016
Invited Speaker, Mid-Michigan Chapter of the American Statistical Association, Mount Pleasant, MI, March 2016
Guest Lecturer, Swiss Occidental Winter School, Les Diablerets, Switzerland, February 2016
Invited Speaker, Institute of Science and Technology, Vienna, Austria, December 2015
Invited Speaker, 8th International Congress on Industrial and Applied Mathematics, Beijing, China, August 2015
Invited Speaker, World Statistics Congress 2015, Rio di Janeiro, Brazil, July 2015
Invited Speaker, Annual Meeting of the Statistical Society of Canada, Halifax, NS, June 2015
P. R. Krishnaiah Memorial Lecture , 2015 C.R. Rao Conference, Penn State University, May 2015
Invited Speaker, Workshop on Intractable Likelihoods, University of Bristol, May 2015
Invited Panellist, "Negotiating in Statistical Careers", Joint Statistical Meetings, Boston 2014
Invited Discussant, Session on Distributional Inference, 2nd Conference of the International Society of Nonparametric Statistics, Cadiz, Spain, June 2014
Invited Discussant, Session on Higher Order Asymptotics, Conference on Frontiers of Hierarchical Modeling in Observational Studies, Complex Surveys and Big Data, U Maryland, May 2014
Invited speaker, Ars Conjectandi Conference, Basel, October 2013
Invited Panellist, "Reflection of Statistical Sciences: Past, Present and Future", Joint Statistical Meetings, Montreal, August 2013
Invited speaker, Session on Comparative Statistical Inference, World Statistics Congress, Hong Kong, August 2013
Invited speaker, Conference in Statistical Methods, Florida International University, Miami, April 2013
Invited speaker, Conference in honour of Jack Kalbfleisch, Ann Arbor, September 2012
Invited speaker, Session on composite likelihood, 8th World Congress in Probability and Statistics, Istanbul, July 2012
Invited speaker, Workshop in honour of Mary Thompson, Waterloo, October 2011
Invited speaker, Session on Statistical Education, International Statistical Institute, Dublin, August 2011
Plenary Speaker, Annual Meeting of the Royal Statistical Society, Brighton, September 2010.
Plenary Speaker, Gold Medal Address, Statistical Society of Canada Annual Meeting, May 2010.
Invited Speaker, 2010 Winter Workshop, University of Florida, January 2010.
Plenary Speaker, Canadian Mathematics Society Winter Meeting, December 2010.
Invited Speaker, Session on "Composite likelihood" Joint Statistical Meetings, Washington DC, August 2009.
Invited Speaker, Sesson on "Likelihood", Annual Meeting of the Statistical Society of Canada, May 2008.
Invited Speaker, Workshop on Analysis of Longitudinal Data, Gothenburg, Sweden, August 2008.
Invited Speaker, Workshop on Composite Likelihood Inference, Warwick, April 2008.
Invited Speaker, 44th Gregynog Statistical Conference , Gregynog, April 2008.

Plenary Speaker, First Canadian-Mexican joint statistics conference, Guanajuato, Mexico, February 2008.
Panel Discussant, Session on "New policies to facilitate the tenure process for women in sciences" . Joint Statistical Meetings, Salt Lake City, August 2007.
Invited Speaker, University of Waterloo Department of Statistics 40th Anniversary Conference. Waterloo, May 2007.
Invited Speaker, Canadian Association of Specialised Library and Information Services, February 2007.
Invited Speaker, Workshop on Statistics in Physics, Banff International Research Station, July 2006.
Invited Speaker, Workshop on Frontiers of Statistics: in honour of Peter Bickel, Princeton University, May 2006.
Invited Speaker, Southern Ontario Graduate Students Statistics days, May 2006.
Invited Speaker, Workshop on Statistics and Physics, SAMSI, March 2006.
Invited Speaker, Conference in honour of O.E. Barndorff-Nielsen. Guanajuato, MX, March 2006
Invited Speaker, Winter Workshop on Frontiers in Statistics, University of Florida, January 2006
Invited Discussant, PHYSTAT 2005. University of Oxford, September 2005
Invited Speaker, Statistical Society of Montreal. Montreal, Quebec, November 2004
Invited Discussant, Session in honour of D. Basu, JSM Toronto, Ontario, August 2004
Invited Speaker, Symposium in Honour of David Cox. Neuchatel, Switzerland, July 2004
Keynote Speaker, MITACS Annual Meeting. Halifax, NS, May 2004
Invited Speaker. Workshop on Non-informative priors. Grenada, Spain, December 2002
Panel Discussant. Session on teaching statistical inference. Annual meeting of the American Statistical Association. San Francisco, August 2003.
Invited Speaker. Statistical Society of Canada. Burnaby, BC, June, 2001.
Invited Speaker. Symposium in Honour of Sir David Cox. New York, March, 2001.
Workshop on inference and asymptotics. Ascona, Switzerland, July, 2000.
Wald lecturer. 5th World Congress of the Bernoulli Society and 63rd annual meeting of the Institute of Mathematical Statistics. Guanajuato, Mexico, May, 2000.
Symposium in honor of C.R. Rao, University of Texas at San Antonio, March, 2000.
Statistics for the 21st Century, Bowling Green State University, April, 1998.
Women in Mathematics, University of Waterloo, May, 1998.
Sixth Purdue Symposium on Decision Theory and Related Topics, Purdue, June 1998.
Forum Lectures, 22nd European Meeting of Statisticians, Vilnius, Lithuania, August, 1998.
CRM Banff Summer School on Likelihood Asymptotics, Banff, Alberta, August, 1997.
Symposium on Estimating Functions, Athens, Georgia, March 1996.
Summer Meeting of the Canadian Mathematical Society, Toronto, June, 1995.
First Krieger-Nelson prize lecture: "Statistics in the 21st century: asymptotic theory and the foundations of statistics".

Annual Meeting of the American Statistical Association, Toronto, August 1994.
Invited discussant: "Advances in the use of statistics in equal opportunity cases".

Fifth Valencia International Meeting on Bayesian Statistics, Alicante, Spain, June 3-10, 1994. Invited speaker.

Session on "likelihood" at 40th session of ISI, Florence, August 1993. Invited discussant.

CIMAT workshop on Statistical Inference and Biostatistics, Guanajuato, Mexico, April, 1993.

Institute of Mathematical Statistics, Annual Meeting, Boston, August 1992. Invited Paper.

International Symposium on Nonparametric Statistics and Related Topics, Ottawa, May 1991.

4th Latin American Congress in Statistics and Probability, Mexico City, September 1990.

209th Meeting of the Institute of Mathematical Statistics, June 1989. Special Invited Lecturer.

American Statistical Association, Annual Meeting, Washington, D.C. August 1989, Invited Paper.

Latin American School in Linear Models, Sao Paulo, Brazil, January 1989.

American Statistical Association, Annual Meeting, San Francisco, August 1987.
Invited discussant: Statistical problems in climatology.

Statistical Society of Canada, Annual Meeting, Banff Alberta, May 1986.

Statistical Society of Canada, Annual Meeting, Quebec City, June 1987.

Institute of Mathematical Statistics, Eastern Regional Meeting, Atlanta Georgia, March 1986.

Annual meeting of the ASA, Detroit, August 1981.

Annual meeting of the SSC, Halifax, May 1981.

International conference in non-parametric statistics, Budapest, June 1980.

IMS regional meeting, Los Angeles, June 1979.

Invited Lectures: Universities

Department of Biostatistics, UCLA, November 2024
Department of Statistical Science, U Padova, May 2024
Department of Mathematics and Statistics, U Ottawa, March 2024
Department of Statistics, Iowa State U, May 2023
Department of Economics, U Toronto, March 2023
Department of Statistics, Concordia U, October 2023
Department of Statistics, U Connecticut, October 2022
Stellar Stats Workshop, U Toronto, May 2022
Department of Statistics, Harvard University, November 2021
Department of Statistics, University of Rome, March 2021
Hollander Lecture, Florida State University, October 2020
Rustagi Lecture, Ohio State University, April 2019
Department of Mathematics Colloquium, Imperial College, London, March 2019
College of Science, Rochester Institute of Technology, February 2019
Pacific Institute of Mathematical Sciences, U Manitoba, January 2019
CEREMADE, Université Paris-Dauphine, January 2018
Department of Statistics, University of Illinois Urbana-Champaign, November 2017
Department of Statistics and Data Science, Carnegie Mellon University, April 2017
Department of Mathematics, Central Michigan University, March 2016
Department of Mathematics and Statistics, York University, February 2016
Department of Biostatistics, University of California San Diego, November 2015
Fields-Brock Distinguished Speaker, Brock University, St. Catherines, November 2015
Department of Statistics, University of Michigan, November 2015.
School of Statistics, Peking University, Beijing, August 2015.
ADVANCE Speaker's Program, Texas A& M University, October 2014.
Department of Statistics, University of Manitoba, January 2014.
Department of Statistics, University of North Carolina, March 2013.
Pattern Theory Group, Department of Applied Mathematics, Brown University, January 2013.
Dorothy Weeks Lecture, Department of Mathematics, MIT, January 2013
Centre for Statistical Machine Learning, University College London, November 2013
Department of Statistics, Wharton School, April 2011
Public Lecture, Institute for Mathematics and its Applications, University of Minnesota, April 2010.
Department of Biostatistics, Johns Hopkins University, March 2010

Department of Statistics, University of Waterloo, February 2010
Statistical Laboratory, Cambridge University, May 2009
Department of Statistics, University of Georgia, April 2009
Department of Statistics, Columbia University, November 2008
Department of Statistics and Applied Maths, UC Santa Cruz, October 2008
Department of Statistics, University of Iowa, October 2007
Institute for Clinical and Evaluative Sciences, Sunnybrook Health Sciences Centre, May 2006
University of Windsor, March 2006
York University, February 2006
University of Michigan, November 2005
ADVANCE Distinguished Lecturer, Case Western Reserve University, September 2004
University of Padua, November 2004
University of Wisconsin, April 2004
McMaster University, November 2003
EPFL Lausanne, May 2003
University of Geneva, April 2003
ETH Zurich, April 2003
University of Oxford, February 2003
University of Bern, November 2002
Florida State University, September 2000
York University, January 2000
University of Florida, April 1999
University Regents Lecturer, UC Davis, April 1998
Hotelling Lecturer, U of North Carolina, October 1998
York University, January 1998
Stanford University, January 1998
Iowa State University, November 1995
University of Guelph, March 1995
University of Waterloo, May 1994
Virginia Tech, March 1994
University of Rochester, February 1994
University of California at Santa Barbara, April 1993
University of South Florida, April 1993
York University, September 1992
Texas A & M University, April 1992
Brown University, May 1991
University of British Columbia, October 1990
Cornell University, April 1990
Carnegie-Mellon University, April 1990
University of Montreal, March 1990
Johns Hopkins University, February 1990
University of Waterloo, January 1990
University of Michigan, November 1989
ATT Bell Labs, October 1989
University of Chicago, November 1988
Dalhousie University, March 1988
Queen's University, November 1987
McGill University, January 1987
University of Western Ontario, December 1987

Texas A & M University, April 1986
Harvard University, October 1985
University of Waterloo, May 1985
University of Toronto, January 1985
Penn. State University, November 1985
University of Texas, January 1986
Carnegie - Mellon University, February 1982
University of Washington, May 1981

ADMINISTRATIVE POSITIONS

Within University

2019-2020 Research and Study Leave

2018-19 Department committees on promotions, undergraduate curriculum, hiring (two committees) Faculty Committee on University Professor Nominations Provostial Assessor, Promotion Committees in Faculty of Law and Faculty of Commerce President's International Council on Europe VPR College of Reviewers, CRC Chairs

2017-18 Department committees on promotions, undergraduate affairs, hiring (two committees) Faculty of Arts and Science Chair Search Committee, DOSS Provostial Assessor, Promotion Committees in Faculty of Law and Faculty of Commerce

2016-17 Department committees on promotions, curriculum, hiring (two search committees)

2015-16 Department committees on promotions, undergraduate affairs, hiring (two committees)

2014-15 Department committees on promotions, undergraduate affairs

2013-14 Department committees on promotions, executive committee

2011-12 Department committees on promotions, consulting, undergraduate affairs

2010-11 Department committees on promotions, curriculum

2009-10 Dean's Committee on University Professor nominations, Faculty of Arts and Science Faculty of Arts and Science committee on 199/299/399 program. Department committees on promotions, undergraduate teaching, planning.

2008-09 School of Graduate Studies Dean's Representative on four tenure committees. Dean's Committee on University Professor nominations, Faculty of Arts and Science. Faculty of Arts and Science committee on 199/299/399 program. Department committees on promotions, hiring, PTR.

2007-08 School of Graduate Studies Dean's Representative on six tenure committees. Departmental committees on promotions, publicity, PTR. Departmental tenure committee for F.Yao.

2006-07 School of Graduate Studies Dean's Representative on six tenure committees. Departmental committees on promotions, web design, computing, PTR. Seminar coordinator. Chair search committee.

2005-06 University Professor Selection Committee.

2004-05 Departmental committees on hiring, promotions, graduate affairs. Seminar coordinator. University Professor Selection Committee.

2003-04 Departmental committees on hiring, promotions, undergraduate curriculum, consulting. University Professor Selection committee.

2002-03 Administrative leave.

2001-02 Chair of Department of Statistics. Senior Salary Committee, Faculty of Arts and Science. Graduate Enrollment Planning Committee, Faculty of Arts and Science. Hiring committee, Department of Physics (Dean's Rep.). Tenure commitee, Department of Mathematics.

2000-01 Chair of Department of Statistics. Senior Salary Committee, Faculty of Arts and Science. Budget Committee, Faculty of Arts and Science. Graduate Advisory Committee, Faculty of Arts and

Science. Academic Board. Planning and Budget Committee, Academic Board. Hiring committee, Department of Physics (Dean's Rep.). Hiring committee, Department of Public Health Sciences (member).

1999-00 Chair of Department of Statistics. Chair of CQUEST management board (to Dec 99). Academic Board. Planning and Budget Committee, Academic Board. Budget Committee, Faculty of Arts and Science. Senior Salary Committee, Faculty of Arts and Science.

1998-99 Chair of Department of Statistics. Chair of CQUEST management board. Research Advisory Board, Physical Sciences. Academic Board. Planning and Budget Committee, Academic Board. Budget Committee, Faculty of Arts and Science. Graduate Education Committee, Faculty of Arts and Science. Dean's Excellence Award Committee.

1997-98 Chair of Department of Statistics. Chair of CQUEST management board. Research Advisory Board, Physical Sciences. Dean's Excellence Award Committee.

1996-97 Provostial assessor: Faculty of Medicine promotions committee. Member of Research Advisory Board: Physical Sciences. Member of departmental committees on hiring, promotion, development.

1995-96 Provostial assessor: Faculty of Medicine promotions committee. Member of Research Advisory Board: Physical Sciences. Member of Faculty of Arts and Science Committee on Women in Science. Member of departmental committees on hiring, promotion, development, seminar.

1994-95 Member of Faculty of Arts and Science Committee on Women in Science. Member of departmental committees on hiring, promotion; director of Statistical Consulting Service.

1993-94 Provostial review committee of mathematical sciences.

1992-93 Member of departmental committees on hiring, promotion; graduate coordinator; Faculty of Graduate Studies degree committee and executive committee; Dean's representative on Physics (theoretical particle) search committee.

1991-92 Member of departmental commitees on undergraduate curriculum, graduate students (spring 92), hiring (spring 92).

1989-91 Member of departmental committess on undergraduate curriculum, hiring, colloquium (91/92): Dean's Search Committee for Chair of Mathematics (spring 91).

1986-89 Member of departmental committees on graduate students, hiring, and colloquia.

1986-88 Dean's assessor on the Department of Mathematics Hiring Committee.

1988- Dean's Assessor on the Department of Physics Hiring Committee.

1988-89 Elected member, Academic Board. Appointed member, Committee on Academic Policy and Programs.

1989-91 Department committees on hiring, promotion, and implementation (chair).

1991 Faculty of Science Curriculum Committee. Dean's Search Committee for Chair of Mathematics.

(a) University of British Columbia

1983-85 Graduate student advisor (admissions, TA applications, course advising). Department of Statistics.

1982-85 U.B.C. Statistical Consulting Service.

TEACHING

Postdoctoral Supervision

J.-F. Plante 2007-9.
Weighted likelihood and composite likelihood.

Ye Sun 2007-9.

Higher order asymptotics and Bayesian inference.

Xiaoping Shi 2011-13.
Approximations to ratio statistics.

Yang Ning 2012-14.
Advances in likelihood inference.

Einat Gil 2014 – 2015
Big data in the high school curriculum.

Armin Hatefi 2015 – 2017
Ranked set sampling and high dimensional inference.

Lizandra Fabio-Castillo 2015 – 2016
Mixed effects models with non-normal random effects.

Jalmar Carrasco 2015 – 2016
Simplex measurement models with errors in covariates.

Ofir Hariri 2016 – 2017
Inference for complex models

Riccardo Passeggeri 2019–2021
Median of likelihoods

Samuel Perreault 2020–2022
Extreme value models

Libai Xu 2021–2023
Composite likelihood and variational methods

Theses Supervised

H. Crepeau, (ten months).
Analysis of growth curve models. M.Sc., 1983.

P. Kottegoda, (ten months).
Survival following peripheral bypass surgery. M.Sc., 1985.

L. Dunn, (eighteen months).
Modelling survival rates in bilateral breast cancer. M.Sc., 1986. University of Toronto

H. Ishwaran, NSERC summer Research Program, May-September 1987.

H. Ferguson, Ph.D., September 1987 - September 1989.

J. Stafford, NSERC summer research assistant, May-September 1988.

Y.-L. Zhu, Ph.D., September 1988 - January 1992.
Information loss, p-sufficiency and p-ancillary.

Janet Raboud, Ph.D., September 1989 - July 1991.
Errors in covariates with special application to AIDS data.

Alberto Tapia-Aguilar, Ph.D., May 1990 - July 1994.
Accurate confidence intervals in the proportional hazards model.

Angelo Canty, Ph.D., August 1992 - April 1995.
A system to test for convergence of the Gibbs Sampler.

Kalyanee Viraswami, Ph.D., August 1992 - December 1994.
Higher order asymptotics and robustness.

Yodit Seifu, Ph.D., August 1992 - May 1995.

Local Lyapunov exponents: results and applications.

Jiahui Li, Ph.D., June 1994 - January, 1998.
Aspects of likelihood and Bayesian asymptotics.

Ann Kwon, Ph.D., June 1995 - 1999. (lapsed)
Applications of modified profile likelihood.

Peter Kupchak, Ph.D., June 1997 - May 2000.
Optimal design for dose-response curves.

Zengxin Hong, Ph.D., September 2001 - 2007. (lapsed)
Higher order asymptotics for semiparametric models.

Sigfrido Iglesias-Gonzalez, Ph.D. September 2003-February 2007.
Highly accurate tests for the mixed linear model.

Zheng Zheng, Ph.D. September 2003- 2007. (lapsed)
Asymptotics and bootstrap methods for survey sampling.

Ana-Maria Staicu, Ph.D. September 2003- June 2007.
On some aspects of likelihood methods with applications in biostatistics.

Zi Jin, Ph.D. September 2005- November 2009.
Aspects of composite likelihood inference.

Ximing Xu, Ph.D. June 2009 - June 2012.
Robustness of composite likelihood.

Wei Lin, Ph.D. June 2010 - April 2016.
Adjustments to the signed likelihood root and analysis of an embedded experiment in a survey.

Uyen Hoang, Ph.D. June 2012 - July 2013.
Likelihood inference in neuroscience.

Yanbo Tang, Ph.D. September 2018 – June 2022.
Asymptotic theory for high-dimensional settings.

Sonia Markles, Ph.D. September 2019 (with Linbo Wang) –
Inference and causal models.

Barry Lung, Ph.D. September 2020 –
Uncertainty quantification for Empirical Bayes methods

Ruyi Pan, Ph.D. September 2022 – (with Jun Park)
Statistical methods for neuroscience

Rui Mao, Ph.D. April 2023 – September 2024 (with Xiaofei Shi)
Robust linear regression: analysis and applications

Undergraduate Research Assistants

Wei Lin, May-August 2008
Design of experiments.

Uyen Hoang, May-August 2010
Tangent exponential models.

Harris Quach, May-August 2014 & 2015
Adjusted profile log-likelihoods in semi-parametric models

Gong Zhang, May-August 2014 & 2015
Adjusted profile log-likelihoods in semi-parametric models

Sri-Amarthi Theivendran, May-August 2017
Directional tests in high-dimensional models

Andrew McCormack, May-August 2017 & 2018
Directional tests in exponential family models

Ruyi Pan, May-August 2021

Esther Zhu, May-August 2021
Statistics and Data Science in the Media: a teaching database
Amanda Wai-Yu Ng, May-August 2024
Shangkai Zhu, May-August 2024
Aspects of robust regression

Undergraduate Courses

University of British Columbia

1980-81	Math 105	Descriptive and elementary statistical inference
	Math 305	Statistical inference 1
	Math 306	Statistical inference 2
1981-82	Math 203	Statistical methods I
	Math 405	Design of experiments (3 units)
1982-83	Math 205	Introduction to probability
	Math 306	Statistical inference 2
1983-84	Math 203	
	Math 305	
1984-85	Stat 203	
	Stat 204	Statistical methods II

University of Toronto

1986-87	STA 352Y	Intro. to prob. and math. stat.
	STA 442S	Applied statistics
1987-88	STA 442S	
1988-89	STA 457F	Time series
1989-90	STA 402S	Design of experiments
	STA 287S	Prob. and Stat. (Eng. Science)
1990-91	STA 402S	
	STA 422F	Theory of inference
1991-92	STA402S	
1992-93	STA302F	Regression
	STA422F	
	STA450S	Object-oriented programming and statistical graphics
1993-94	sabbatical leave	
1994-95	maternity leave	
1995-96	SCI 199Y	Freshman seminar: "Lies, damned lies and statistics"
1996-97	SCI 199Y	Freshman seminar: "Lies, damned lies and statistics"
1997-02	chair of department	
2002-03	administrative leave	
2003-04	STA 450H	Topics in statistics: machine learning and data mining
2004-05	STA 410H	Computational statistics
	STA 450H	Topics in statistics: machine learning and data mining
2005-06	sabbatical leave	

2006-07	SCI 199Y	Freshman seminar: "Lies, damned lies and statistics"
2007-08	SCI 199Y	Freshman seminar: "Lies, damned lies and statistics"
	STA 442H	Methods of Applied Statistics
2008-09	SCI 199Y	Freshman seminar: "Lies, damned lies and statistics"
	STA 414S	Data Mining and Machine Learning
2009-10	STA 304F	Surveys, sampling and observational studies
	STA 442F	Methods of Applied Statistics
	STA 414S	Data Mining and Machine Learning
2010-11	STA 442F	Methods of Applied Statistics
2011-12	STA 304F	Surveys, sampling and observational studies
2012-13	sabbatical leave	
2014-15	PMU 199F	First Year Seminar: Lies, Damned Lies and Statistics

Graduate Courses

1980-81	Math 537B	Analysis of survival data
1982-83	Math 546	Nonparametric methods
1983-84	Math 406/519	Theory of Statistics
1984-85	Stat 546	Nonparametric methods
1985-86	Math 394C	Applied Statistics (University of Texas)
1986-87	STA 4412F	Asymptotic methods (with Tom DiCiccio)
	STA 2211/352Y	Intro. to probability and mathematical statistics
	STA 442S	Applied statistics
1987-88	STA 3000Y	Theoretical Statistics
	STA 4372F	Aspects of conditional inference (with D. Fraser)
1988-89	STA 3000Y	(shared with two other instructors)
	STA 4412S	
	STA 1102/457F	
1989-90	STA 1201F	Applied Statistics II
	STA 1004/402S	
1990-91	STA 2162/422F	
	STA 1004/402S	
	STA 3000Y	(shared with two other instructors)
1991-92	STA 1004/402S	
	STA 1201S	
1992-93	STA 1001/302F	
	STA 2162/422F	
	STA 2102/450S	
1993-94	sabbatical leave	
1994-95	maternity leave; consulting service	
1995-96	STA3103S	Likelihood and Bayesian asymptotics
1996-97	STA2004S	Design of experiments
1998-99	STA2004S	

1999-00	STA3000F	Theoretical statistics
2000-01	STA2004F	
2001-02	STA3000F	
	STA4001F	Selected readings of recent literature
2002-03	administrative leave	
2003-04	STA2004F	Design of experiments
	STA 3000 S	Theoretical statistics
	STA 450 S	Topics in Statistics (data mining)
2004-05	STA3000F	Theoretical Statistics
	STA 4000 S	Topics in Statistics (data mining)
	STA 2102 S	Statistical Computing
2005-06	sabbatical leave	
2006-07	STA 2004F	Design of experiments
2007-08	STA 2101F	Applied Statistics I
2008-09	STA 2104S	Data Mining and Machine Learning
2009-10	STA 2101F	Applied Statistics I
	STA 2104S	Data Mining and Machine Learning
2010-11	STA 2101F	Applied Statistics I
	STA 3000S	Theoretical Statistics
2011-12	STA 2201S	Applied Statistics II
2012-13	sabbatical leave	
2013-14	STA 3000F	Theoretical Statistics
	STA 2201S	Applied Statistics II
	STA 4508S	Advances in Likelihood Inference
2014-15	STA 2201S	Applied Statistics II
	STA 4412	Topics in Big Data (joint with M. Zhu)
2015-16	STA 4508S	Advances in Likelihood Inference
2018-19	STA 4508S	Advances in Likelihood Inference