

Curriculum Vitæ

Dr. Peter H Fewster
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Contact Information

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Education

Ph.D. Department of Plant Sciences, University of Western Ontario, 1985.
B.Math. (Honours - Combinatorics and Optimization). University of Waterloo, 1976.

Awards

Ontario Graduate Scholarship	1981 - 1983
Natural Sciences and Engineering Research Council Scholarship	1980 - 1981
Special University Scholarship, University of Western Ontario	1978 - 1979, 1981, 1983
Northern Scientific Training Grant	1978 - 1980

Web Design

- Researching for LGBTQ Health (lgbtqhealth.ca)
- Wish You Were Here Tribute (wish-you-were-here-tribute.ca)
- Environmental Prediction for Canadian Cities, University of Western Ontario
- Equinox - an internet-based data delivery system
- Online Single-Pilot Resource Management
- Faculty of Social Science, University of Western Ontario
 - ▶ support and development
 - ▶ conferences
- ▶ Canada Research Chair in Multilevel Governance, University of Western Ontario
- ▶ Intranet template, Faculty of Social Science
- ▶ Research Data Centres
- ▶ Photogallery
- ▶ Social Science Network and Data Services, University of Western Ontario
- ▶ C.C. Carrothers Public School, London, Ontario
- ▶ Knollwood Park Public School, London, Ontario

- ▶ Christine White, Department of Anthropology, University of Western Ontario
- ▶ Medieval Global Economies, University of Western Ontario
- ▶ Department of Geography, University of Western Ontario

Online Surveys

2013

- ▶ Bisexual Identity and Well-Being
- ▶ Researching Health in Ontario Communities (RHOC) 2013

2012

- ▶ Windsor Bar-Goer Survey
- ▶ Researching Health in Ontario Communities (RHOC) 2012
- ▶ Annual Custom Exhibit Economic Survey 2012
- ▶ Annual Portable/Modular Dealers Survey 2012
- ▶ Annual Compensation Survey 2012

2011

- ▶ Pathways to Housing Careers
- ▶ Evaluation of the Quality Improvement & Innovation Partnership (QIIP) Project
- ▶ Researching Health in Ontario Communities (RHOC) 2011
- ▶ Pathways to Effective Depression Treatment
- ▶ Annual Custom Exhibit Economic Survey 2011
- ▶ Annual Portable/Modular Dealers Survey 2011
- ▶ Annual Compensation Survey 2011
- ▶ Health in Middlesex Men Matters (HiMMM)
- ▶ Employee Census: Building a more supportive workplace
- ▶ Risk & Resilience: Bisexual Mental Health in Ontario

2010

- ▶ Annual Custom Exhibit Economic Survey 2010
- ▶ Annual Portable/Modular Dealers Survey 2010
- ▶ Belief and Attitudes Toward Aggression Study - Phase 3
- ▶ The Feasibility of using the Common European Framework for French Second Language Instruction in Ontario, Round 2

2009

- ▶ Ontario Youth Apprenticeship Program (OYAP) Survey
- ▶ Belief and Attitudes Toward Aggression Study
- ▶ Attitudes Related to Media & Fashion and Personal Relationships

- ▶ The Feasibility of using the Common European Framework for French Second Language Instruction in Ontario
- ▶ Attitudes Towards the Sexuality and Relationships of Persons with Intellectual Disabilities
- ▶ Towards an Understanding of Composition Effects in Teams
- ▶ Managing the Future: Exploring why some Ontario Municipalities Engage in Succession Planning
- ▶ Issues in the Formulation of the DSM-V
- ▶ Curriculum Review - Local Government Program

2008

- ▶ Association for Social Anthropology in Oceania
- ▶ Development Services Special Interest Group (OADD)
- ▶ Community and Political Participation of Municipal Employees
- ▶ Survey of Canadians
- ▶ Bachelor of Health Sciences Program Curriculum
- ▶ Development Services Special Interest Group (DSSIG)

2007

- ▶ Buying Patterns
- ▶ Police Promotion Practices in Ontario
- ▶ Understanding Team Composition Effects in Project Teams

2006

- ▶ Effects of Work Environment on Nursing and Patient Outcomes
- ▶ Keeping Track: A Campus Diary of Drinking Patterns, Depressive Symptoms and Interpersonal Conflict - 4 year longitudinal study
- ▶ Limits of Leadership - political attitudes and opinions
- ▶ Leadership and Job Attitudes

2005 and earlier

- ▶ Identity Formation in Emerging Adulthood - 2005
- ▶ Negative Social Experiences at the University of Western Ontario and Fanshawe College - 2004
- ▶ World Perspectives on Child Abuse - 2004
- ▶ Using Student Evaluation of Teaching for Formative Feedback - 2004
- ▶ People's Experience with Change in the Workplace - 2003
- ▶ Work Attitudes - 2003
- ▶ Youth Behaviour and Attitude Survey - 2003
- ▶ Sexually Explicit Materials on the Internet - 2003

- ▶ Couple Study - 2003
- ▶ Work-Life Balance - 2002
- ▶ Humour In Relationships - 2001

Online Elections

Creation and support of over 50 elections to various departments in the Faculty of Social Science, University of Western Ontario, 2002-2009.

Employment

- **Centre for Addiction and Mental Health.**
Research Associate. 2011 - present.
- **Social Science Network and Data Services, University of Western Ontario.**
Manager, Instructional & Consulting Services. 1994 - 2009.
Statistician/Consulting Desk Manager. 1990 - 1994, 1998 - 2009.
- **Statistician with Dr. M.J. Ball, Dept. of Pathology, University of Western Ontario.**
Development of statistical software to perform multivariate analyses on neuropathological, clinical and biochemical data. Supervision of data collection. Instruction of data entry. Management of a substantial data base. 1986-1990.
- **Data Analyst with Dr. D.B. Walden, Dept. of Plant Sciences, University of Western Ontario.** Analysis of genotypic embryology and genotypic pollen germination response to various agrichemicals in *Zea mays*. 1985 - 1987.
- **Research assistant to Dr. L. Orlóci, Dept. of Plant Sciences, University of Western Ontario.** Computer programming in BASIC and Fortran. Specialized software and the preparation of a manual for biologists for the Apple //e. Proof reader of text for the UWO course Introduction to Data Analysis in Biology I and II. Vegetation Surveys in the Yukon Territory (along the proposed pipeline right-of-way) Pinery Provincial Park, and Springwater Forest. 1976 - 1977, 1985 - 1986.

Teaching

- A hands-on Workshop on SPSS. 2009, 2011
- Creating eSurveys. 2010
- Short courses. 1991 - 2009:
 - Web Basics
 - Editing Western Standard Web Pages for Course Instructors
 - Set up Your Own Personal Website on Western's Publish Server
 - Adobe Photoshop
 - Editing Western Standard Web Pages with Microsoft Expression Web
 - Microsoft FrontPage
 - SPSS

- SAS
- MiniTab
- Harvard Graphics
- Lecture series for graduate students entitled Computer Analysis of 2-D Separation of Molecules. 1985 - 1986.
- Special lecturer for the UWO course Numerical Methods and Advanced Ecology II. 1983 - 1984.
- UWO course laboratory demonstrator in Numerical Methods, Biostatistics, Introduction to Data Analysis in Biology I, Biology of Organisms, and Biology of Populations. 1978 - 1984.

Selected Publications

- Fewster, P.H. (1991). Regression modelling of perturbations in some vegetation types. In E. Feoli & L. Orlóci (Eds.). *Computer assisted vegetation analysis*, (pp. 325-334). Kluwer Academic Publishers, Dordrecht, The Netherlands, 498 p.
- Fewster, P.H. (1987). Regression modelling of perturbations in some vegetation types. *Coenoses* 2, 67-74.
- Fewster, P.H. (1985). *Methodologies of predicting vegetation response to the environment and to perturbation on a regional level: a thesis in three parts treating temporal and time static models*. Ph.D. thesis.
- Fewster, P.H., Ojalvo-Rose, E., Griffin-Brooks, S., MacGregor, J., and M.J. Ball. (1991). Influence of volumetric shrinkage of hippocampus upon quantification of neuronal loss in normal aging and Alzheimer's Disease. In K. Fujisawa and Y. Morimatsu (Eds.). *Development and involution of neurones*, (pp. 227-234). Japan Scientific Societies Press, Tokyo.
- Fewster, P.H. and D.B. Walden. (1987). Multivariate analysis of data from two-dimensional electrophoretic separation of macromolecules. *Comput. Biol. Med.* 17, 29-35.
- Fewster, P.H. and L. Orlóci. (1983). On choosing a resemblance measure for non-linear predictive ordination. *Vegetatio* 54, 27-35.
- Fewster, P.H. and L. Orlóci. (1978). Stereograms to aid group recognition and trend identification in vegetation data. *Can. J. Bot.* 56, 162-165.
- Agocs, C., McLaughlin, K., Fewster, P. and B. Wilkinson. 1990-91. Analysis of Employment Equity Census Data. The University of Western Ontario.
- Ball, M.J., Griffin-Brooks, S., MacGregor, J., Nagy, B., Ojalvo-Rose, E. and P.H. Fewster. (1988). Neuropathological definition of Alzheimer disease: multivariate analyses in the morphometric distinction between Alzheimer dementia and normal aging. *Alzheimer Disease and Associated Disorders* 2, 29-37.
- DeCarli, C., Atack, J.R., Ball, M.J., Kay, J.A. Grady, C.L., Fewster, P., Pettigrew, K.D., Rapoport, S.I. and M.B. Schapiro. (1992). Post-mortem regional neurofibrillary tangle densities but not senile plaque densities are related to regional cerebral metabolic rates for glucose during life in Alzheimer's disease patients. In *Neurodegeneration*, Vol 1, (pp. 11-20). Academic

Press Ltd.

Orlóci, L. Kenkel, N.C. and P.H. Fewster. (1984). Probing simulated vegetation data for complex trends by linear and nonlinear ordination methods. *Abstracta Botanica* 8, 163-172.

Conferences & Seminars

Fewster, P.H. (1988). Statistics in histopathological studies: the application of multivariate analyses to differentiate Alzheimer's disease from normal aging. Department of Pathology Seminar, University of Western Ontario.

Fewster, P.H. and M.J. Ball. (1988). Evidence that multivariate analyses of morphometric data can distinguish the pathology of Alzheimer's disease from normal aging. Annual Meeting of the Southern Ontario Neuroscience Association.

Ball, M.J. and P.H. Fewster. (1988). Multivariate analyses permit a morphometric definition of Alzheimer's disease distinct from aging. 23rd Canadian Congress of Neurological Sciences and the Canadian Journal of Sciences (abstract).