

## A. COLIN CAMERON

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### Personal Data

#### Office Address:

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Citizenship: Australia

Visa Status: U.S. Permanent Resident

Marital Status: Married, 2 children

### Education

B.Ec.(Hons.)	Econometrics	Australian National University	1977
M.S.	Statistics	Stanford University	1982
Ph.D.	Economics	Stanford University	1987/88

### Experience

Professor, Department of Economics, University of California – Davis, 2000-present  
(Associate Professor, 1996-2000; Assistant Professor, 1989-1996).

Director, Center on Quantitative Social Science Research, U.C. Davis, 2003-05.

Faculty member, Center for Health Services Research in Primary Care, U.C.Davis, 1998-present.

International Research Associate, Institute for Fiscal Studies, London, 1998-present.

Program Visitor, Economics Program, RSSH, Australian National University, June-Dec 2002.

Visiting Professor, Institute for Advanced Studies, Vienna, April-May 2002.

Visiting Fellow, School of Finance and Economics, University of Technology, Sydney, July 1999.

Visitor, IFAU, Uppsala, Sweden, Visitor, June 1999.

Visiting Fellow, School of Economics, University of New South Wales, Aug-Sept 1997.

Visiting Associate Professor, Department of Economics, Indiana University – Bloomington, July-Dec 1996.

Research Visitor, Center for Human Resources (SELAPO), Ludwigs Maximilians University, Munich, May 1996.

Visiting Fellow, Department of Statistics, RSSH and NCEPH, Australian National University, Jan-Dec 1995.

Assistant Professor, Department of Economics, The Ohio State University, 1987-1989 (Instructor, 1986-1987).

Research Associate, Economics Research Center, NORC, 1987-1989.

## **Awards**

First class honors in econometrics, B.Econ.(Honors), The Australian National University, 1977.

Thomas Mayer Distinguished Teaching Award, Dept. of Economics, U.C.-Davis, 2007.

## **Keynote Speaker**

Fifth Annual Labour Econometrics Workshop, Econometrics Lecture, A.N.U., August 10, 2002.

23rd Annual Summer Meeting of the Society for Political Methodology, U.C.-Davis, July 2006.

75th Anniversary of Japan Statistical Society Conference on Recent Developments in Econometrics, invited lecture on Microeconometrics, Tokyo University, September 2006.

American Statistical Association, Southern California Section, 28<sup>th</sup> Annual Workshop in Applied Statistics, March 2009.

## **Short Courses**

Lectures in Microeconomic Analysis, Hogskolan Dalarna, Borlange, Sweden, May 1999.

Advanced Econometrics of Count Data, Insitute for Advanced Studies, Vienna, April 2002.

Limited dependent variable models, Catholic University, Piacenza, Italy, June 2007.

Frontiers in Econometrics, Bavarian Graduate Program in Economics, Germany, July 2008.

Regression Analysis with Discrete and Censored Dependent Variables using Stata, University of Queensland, July 2009.

Frontiers in Econometrics, Bavarian Graduate Program in Economics, Germany, July 2009.

## **Citations (in Social Sciences Citation Index from Web of Science) as of October 2008**

460 cites [Regression Analysis of Count Data](#).

390 cites "Econometric Models Based on Count Data," [J. of Applied Econometrics](#).

150 cites "Regression Based Tests for Overdispersion in the Poisson Model," [J. of Econometrics](#).

80 cites "A Microeconomic Model of the Demand for Health...," [Review of Economic Studies](#).

60 cites "Do Gasoline Prices Respond Asymmetrically ....?," [Quarterly Journal of Economics](#).

40 cites "R-Squared measures for Count Data Regression," [J. of Business and Economic Statistics](#)

## **Books**

[Regression Analysis of Count Data](#), Econometric Society Monograph No. 30, Cambridge University Press, Cambridge, October 1998 (with P.K. Trivedi).

[Microeconometrics: Methods and Applications](#), Cambridge University Press, New York, May 2005 (with P.K. Trivedi) and [Supplement to Microeconometrics: Methods and Applications](#), [cameron.econ.ucdavis.edu/mmabook/mma.html](http://cameron.econ.ucdavis.edu/mmabook/mma.html).

[Microeconometrics using Stata](#), StataPress, 2009 (with P.K. Trivedi).

## **Journal and Other Publications**

"The Demand for Health Insurance and Health Care in Australia - A Progress Report," in P.M. Tatchell ed., [Economics and Health: 1983](#), Proceedings of the Fifth Australian Conference of Health Economists, Australian National University, Health Economics Research Unit (with F. Milne, J.R. Piggott, and P.K. Trivedi).

“Econometric Models Based on Count Data: Comparisons and Applications of Some Estimators and Tests,” Journal of Applied Econometrics, January 1986, Vol. 1, pp. 29-54 (with P.K. Trivedi).

“A Microeconomic Model of the Demand for Health Care and Health Insurance in Australia,” Review of Economic Studies, January 1988, Vol. 55, pp. 85-106 (with P.K. Trivedi, F. Milne, and J.R. Piggott).

“Aggregation in Discrete Choice Models: An Illustration of Nonlinear Aggregation,” in T.S. Barker and H.M. Pesaran eds., Disaggregation in Economic Modelling, 1990, pp. 206-234, Routledge, London.

“Regression Based Tests for Overdispersion in the Poisson Model,” Journal of Econometrics, December 1990, Vol.46, pp. 347-364 (with P.K. Trivedi).

“The Role of Income and Health Risk in the Choice of Health Insurance: Evidence from Australia,” Journal of Public Economics, 1991, Vol.45, pp.1-28 (with P.K. Trivedi).

“Tests of Independence in Parametric Models: with Applications and Illustrations,” Journal of Business and Economic Statistics, January 1993, Vol. 11, pp.29-43 (with P.K. Trivedi).

“Private Health Insurance Choice in Australia: The Role of Long-term Utilisation of Health Services,” in H. Lapsley ed., Economics and Health: 1995, Proceedings of the Seventeenth Australian Conference of Health Economists, pp. 143-162, Australian Studies in Health Service Administration No. 79, School of Health Services Management, University of New South Wales (with J. McCallum).

“R-Squared measures for Count Data Regression Models with Applications to Health Care Utilization,” Journal of Business and Economic Statistics, Vol. 14, April 1996, pp. 209-220 (with F.A.G. Windmeijer).

“Count Data Models for Financial Data,” in G.S. Maddala and C.R. Rao eds., Handbook of Statistics, Vol. 14, Statistical Methods in Finance, 1996, pp. 363-392, Amsterdam: North-Holland (with P.K. Trivedi).

“An R-squared Measure of Goodness of Fit for some common Nonlinear Regression Models,” Journal of Econometrics, 1997, Vol. 77, No.2, pp. 329-342 (with F.A.G. Windmeijer).

“Do Gasoline Prices Respond Asymmetrically to Crude Oil Price Changes?,” Quarterly Journal of Economics, February 1997, Vol. 112, pp. 305-339 (with S.Borenstein and R.Gilbert).

“Count Data Regression Models using Series Expansions: with Applications,” Journal of Applied Econometrics, May 1997, Vol. 12, pp.203-223 (with P. Johansson).

“Political Action Committee Contributions and Congressional Voting on U.S. Sugar Legislation,” American Journal of Agricultural Economics, August 1998, Vol. 80, pp. 441-454 (with J.C. Brooks and C.A. Carter).

“Tactical Information and the Diffusion of Peaceful Protests,” in D.A. Lake and D. Rothchild eds., The International Spread of Ethnic Conflict: Fear, Diffusion, and Escalation, Princeton: Princeton University Press, 1998, pp. 61-88 (with S. Hill and D. Rothchild).

“The Essentials of Count Data Regression,” in B. Baltagi ed., Companion in Theoretical Econometrics, 2001, Basil Blackwell (with P.K. Trivedi).

“A Survival Analysis of Australian Equity Mutual Funds,” Australian Journal of Management, 2003, Vol.28, pp. 209-226 (with Anthony D. Hall).

“On Being New to An Insurance Plan: Health Care Use Associated with the First Years in a Health Insurance Plan,” Annals of Family Medicine, Sept/Oct 2003, Vol.1, pp. 156-161 (with Peter Franks and Klea D. Bertakis).

“Modelling the Differences in Counted Outcomes using Bivariate Copula Models with Application to Mismeasured Counts ,” Econometrics Journal, December 2004, Vol.7, pp.566-584 (with Tong Li, Pravin K. Trivedi and David M. Zimmer).

“Categorical Data”, in S. Durlauf and D. Blume eds., The New Palgrave Dictionary of Economics (second edition), Palgrave Macmillan, London, April 2008, Volume 1, pp.713-715,

“Some Recent Developments in Microeconometrics,” in T.C. Mills and K. Patterson eds., Palgrave Handbook of Econometrics, Volume 2: Applied Econometrics, Palgrave Macmillan, London, forthcoming.

“Bootstrap-Based Improvements for Inference with Clustered Errors,” Review of Economics and Statistics, August 2008, Vol. 90, 414-427 (with Jonah B. Gelbach and Douglas L. Miller).

### **Current Research**

“Robust Inference with Multi-way Clustering,” NBER Technical Working Paper No. 327, September 2006 (with Jonah B. Gelbach and Douglas L. Miller).

“Robust Inference with Clustered Data,” March 2009 (with Douglas L. Miller).

“Estimation of Country-Pair Data Models Controlling for Clustered Errors,” U.C.-Davis Department of Economics WP 06-13 (with Natasha Chernyshoff).

### **Limited Distribution**

“Conditional Moment Tests with Explicit Alternatives,” September 1990, U.C.-Davis, Department of Economics, Working Paper No. 366, revised February 1991 (with P.K. Trivedi).

“Conditional Moment Tests and Orthogonal Polynomials,” Indiana University, Department of Economics, Working Paper No. 90-051, revised June 1993 (with P.K. Trivedi).

“The Information Matrix Test: Its Components and Implied Alternative Hypotheses,” U.C.-Davis, Department of Economics, Working Paper No. 372, revised June 1992 (with P.K. Trivedi).

“An Alternative Type of Heterogeneity Tested by the Information Matrix Test,” August 1992 (with P.K. Trivedi).

“Regression Based Tests of Heteroscedasticity in Models Where the Variance Depends on the Mean,” March 1991, U.C.-Davis, Department of Economics, Working Paper No. 379.

“A Description of the Earnings and Employment Experiences of Youths,” July 1990, preliminary draft (with T.E. MaCurdy).

“The Effects of Unemployment Compensation on the Unemployment of Youths,” U.S. Dept. of Labor, Bureau of Labor Statistics, NLS Discussion Paper 92-4, September 1989, (with R.M. Gritz and T.E. MaCurdy).

### **Other Professional Activities**

Editorial:

Associate Editor, The Stata Journal, 2006-

Series Editor, Chapman & Hall/CRC Statistics in the Social and behavioral Sciences Series, 2009-

Papers presented outside U.C.-Davis since January 1996:

Stata West Coast Users Group meeting, San Francisco, November, 2008.

Dept. of Economics, Stanford University, May, 2008.

Dept. of Economics, U.C.-Irvine, December, 2007.  
 Stata West Coast Users Group meeting, Los Angeles, October, 2007.  
 Economics Program, RISS, Australian National University, October, 2006.  
 Dept. of Economics, U.C.-Riverside, October, 2005.  
 World Congress of the Econometrics Society, London, August 20, 2005.  
 Dept. of Economics, U.C.-Berkeley, April 21, 2005.  
 Economics Program, RISS, Australian National University, Sept 4, 2002 and Oct 23, 2002.  
 Econometrics Society, Australasian Annual Meetings, Auckland, July, 2001.  
 Dept. of Economics, Georgia State University, September 22, 2000.  
 Dept. of Economics, UCLA, April 5, 1999.  
 Econometrics Society, North American Winter Meetings, New York, January 5, 1999.  
 Dept. of Economics, University of Houston, November 20, 1998.  
 Dept. of Economics, Texas A&M University, November 19, 1998.  
 Dept. of Economics and Applied Statistics, University of Nevada - Reno, November 4, 1998.  
 Dept. of Economics, University of California - Berkeley, September 28, 1998.  
 Econometrics Society, Australasian Annual Meetings, Canberra, July 10, 1998.  
 Dept. of Banking and Finance, University of Technology - Sydney, July 1, 1998.  
 CTS, Dalarna University, Sweden, April 6, 1998.  
 Institute for Fiscal Studies, London, March 27, 1998.  
 Department of Economics, University College London, March 26, 1998.  
 School of Economics, Univ. of New South Wales, Sydney, Sept 19, 1997.  
 Dept. of Marketing, Univ. of Sydney, Sydney, Nov 20 1995, Sept 17, 1997.  
 Bay Area Labor Economists, Workshop, Univ. of California - Santa Cruz, April 25, 1997.  
 Dept. Of Economics, University of California - Riverside, February 21, 1997.  
 Dept. Of Economics, The Ohio State University, Nov 18 1996.  
 Dept. Of Economics, IUPUI - Indianapolis, Nov 7 1996.  
 Midwest Econometrics Group, Annual Meeting, Univ. Wisc - Madison, Nov 1996.  
 Dept. Of Economics, Umea University, Umea, Sweden, May 20 1996.  
 Dept. of Economics, European University Institute, Fiesole, Italy, May 20 1996.  
 SFB 386 Seminar, Ludwigs Maximilians University, Munich, May 31 1996.  
 Dept. of Economics, University of Texas, Austin, April 5 1996.

External examiner:

Ph.D. Licentiate, thesis opponent, Jorgen Hellstrom, "Count Data Autoregression Modelling,"  
 Umea University, Umea, Sweden, June 5, 1999.

Referee since 1995 includes:

Journal of American Statistical Association, Journal of Econometrics, Journal of Applied  
 Econometrics, Journal of Business and Economic Statistics, Review of Economics and  
 Statistics, International Economic Review, Psychometrica, Econometrics Journal.

Professional memberships:

AEA, ASA, Econometrics Society, SOLE, IHEA.

**Teaching since 1987** (First three courses taught in 2008-2009)

Cross-section econometrics

Optional Ph.D. econometrics field course.

Analysis of Economic Data

Upper division introductory data analysis tools course including basic linear regression.

Health Economics

Undergraduate course optional for Economics majors.

Topics in Cross-section econometrics

Optional Ph.D. econometrics field course.

Econometric Methods (Linear Regression with Matrix Algebra)

Required Ph.D. first-year econometrics course.

Intermediate Microeconomics

Upper division undergraduate course required for Economics majors.

Labor Economics

Upper division undergraduate course optional for Economics majors.

Econometrics

Upper division undergraduate course optional for Economics majors.

Statistics

Lower division undergraduate course required for Business and Economics majors.

### **Graduate Students At U.C.-Davis**

Ph. D. Chair:

Sharon Ryan, 1995, "Employer-Provided Health Insurance and Compensating Wage Differentials: Evidence from the SIPP".

Adrienne Kandel, 1998, "Estimation of Net Energy Savings Caused by Efficient Appliance Rebate Programs".

Primula Kennedy, 2000, "Bivariate Count Regression Models".

Rasa Keanini, 2005, "Choice of Electricity Provider in California after Deregulation".

Juna Du, 2008, "Three Essays in Health Economics."

Chang-Seon Lee, 2009, "Employer-provided Health Insurance Status and Job Separation of Obese Workers,"

Ph. D. Committee Member:

Montse Farrell, 1993, "A Cost Function for the U.S. Airlines".

Charles Masten, 1993, "Empirical Evidence of the Effect of Tuition and Financial Aid on Postsecondary Educational Choices".

Jonathan Brooks, 1993, "PAC Money and Congressional Voting on U.S. Farm Regulation".

Teresa Hannah Lucke, 1995, "Welfare Effects of Community Rating: A Microsimulation Approach".

David F. Andrade, 1997, "Three Essays on the Industrial Organization of Financial Markets".

T.J. Wyatt, 1998, "Investment in Erosion Control by Malagascay Farmers of the Hautes Terres".

Tracy Turner, 2000, "House-Price Uncertainty, Home-Ownership and Housing Demand".

Lisa Capellari, 2000, "Effect of the Earned Income Tax Credit on AFDC Participation".

Inho Chung, 2003, "Three Empirical Studies of Reregulation Effect in Telecommunications Industry".

Sami Kittmitto, 2006. "The Pell Grant Puzzle: An Inquiry into th Program's Effects on College Enrollment and One Explanatory Hypothesis"

Michele Amaral, 2007, "Essays in Public Policy and Health."

Dae Hwan Kim, 2008. "Applied Econometrics on the Economics of Obesity"

Jason Lindo, 2009.

M.A. Chair:

Jiann Hao, 1992, "An Empirical Investigation of the Performance of Two Estimators of Heteroskedastic Limited Dependent Variable Models".