

## A. COLIN CAMERON

August 2015

### Personal Data

#### Office Address:

Department of Economics  
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1213 Villanova Drive  
Davis, CA 95616  
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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).

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

Visiting Scholar, School of Economics, University of Sydney, July-Sep 2015, July-Dec 2014.

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

Visitor, Department of Economics, University of California – Berkeley, Sept–Dec 2005.

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, Dept. 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, Dept. of Economics, The Ohio State University, 1987-89 (Instructor, 1986-87).

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

## **Awards**

First class honors in econometrics, B.Econ.(Honors), The Australian National University, 1977.  
ASUCD Excellence in Undergraduate Education Award, 2003-04.  
Thomas Mayer Distinguished Teaching Award, Dept. of Economics, U.C.-Davis, 2007.  
Most Highly Cited Article in Journal of Business and Economic Statistics 2010-2012. [[See link](#)]

## **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.  
Fall North America Stata Users Group meeting, San Francisco, November 2008.  
American Statistical Association, Southern California Section, 28th Annual Workshop in Applied Statistics, March 2009.  
7th Summer School, NIPE, Universidade do Minho, Braga, Portugal, June 2010.  
Mexico Stata Users Group Meeting, Mexico City, May, 2011.  
Spring Meetings of Young Economists, European Association of young Economists, Vienna, Austria, April 2014.

## **Short Courses (mostly 3-5 days)**

Lectures in Microeconomic Analysis, Hogskolan Dalarna, Borlange, Sweden, May 1999.  
Advanced Econometrics of Count Data, Institute 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.  
Regression Analysis with Discrete and Censored Dependent Variables using Stata, 7<sup>th</sup> Summer School, NIPE, Universidade do Minho, Braga, Portugal, June 2010.  
Microeconometrics, Central Bank of Austria, September 2010.  
Frontiers in Econometrics, Bavarian Graduate Program in Economics, Germany, March 2011.  
Topics in Econometrics, Ludwig Maximilians Universität, Munich, Germany, July 2011.  
Panel Data Methods Using Stata, International Monetary Fund, Washington, DC, 2012.  
Panel Data Methods Using Stata, Sao Paulo, Brazil, 2012.  
Advances in Econometrics, Bavarian Graduate Program in Economics, Germany, July 2013.  
Panel Data Methods Using Stata, International Monetary Fund, Washington, DC, September 2013.  
Simulation Methods and Robust Inference for Clustered Data, Programme Evaluation for Policy Analysis, UK National Centre for Research Methods, London, UK.  
Panel Data Methods Using Stata, Bank of Korea, Seoul, Korea, November 2013.  
Advanced Microeconometrics, IFAU, Uppsala University, Sweden, June 2015.

**Citations in Google Scholar as of November 2014** [Complete listing at [Google Scholar](#)]

- 4800 [Microeconometrics Methods and Applications](#)  
4700 [Regression Analysis of Count Data](#).  
2000 [Microeconometrics using Stata](#)  
1500 “Econometric Models Based on Count Data,” [J. of Applied Econometrics](#).  
900 “Robust Inference with Multi-way Clustering”, [J. of Business and Economic Statistics](#).  
700 “Bootstrap-based improvements for inference with clustered errors”, [Rev.Econ.Stat.](#)  
600 “Regression Based Tests for Overdispersion in the Poisson Model,” [J. Econometrics](#).  
600 “Do Gasoline Prices Respond Asymmetrically ....?”, [Quarterly Journal of Economics](#).  
500 “A Microeconomic Model of the Demand for Health...,” [Rev. of Economic Studies](#).  
200 “R-Squared measures for Count Data Regression,” [J. of Bus. 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).

[Official Chinese Translation, Shanghai University of Finance and Economics Press, 2010.]

[Microeconometrics using Stata](#), StataPress, First edition 2009, Revised Edition 2010 (with P.K. Trivedi).

[Regression Analysis of Count Data](#), Econometric Society Monograph No. 65, Second Edition, Cambridge University Press, Cambridge, May 2013 (with P.K. Trivedi).

**Journal and Other Publications** [Papers at <http://cameron.econ.ucdavis.edu/research/papers.html>]

“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).

“Length of Hospital Stay in Patients with Decompensated Heart Failure from Moderate to Severe Left Ventricular Systolic Dysfunction,” American Journal of Cardiology, 2001, 88(8), 909-911 (with K.J. Harjai, M. Shah and D. Stapleton).

“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,

“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).

“Microeconometrics: Current Methods and Recent Developments Microeconometrics,” in T.C. Mills and K. Patterson eds., Palgrave Handbook of Econometrics, Volume 2: Applied Econometrics, Palgrave Macmillan, London, 2009, pp.729-774.

“Robust Inference with Multi-way Clustering,” Journal of Business and Economic Statistics, 2011, 28(2), pp.238-249 (with Jonah B. Gelbach and Douglas L. Miller).

“Robust Inference with Clustered Data,” in A. Ullah and D. E. Giles eds., Handbook of Empirical Economics and Finance, CRC Press, 2011, pp.1-28 (with Douglas L. Miller).

“Inference for Health Econometrics: Inference, Model Tests, Diagnostics, Multiple Tests and Bootstrap” in Editor-in-chief A.J. Culyer, Encyclopaedia of Health Economics, Volume: Health Econometrics, 2014, San Diego: Elsevier, pp. 47-52.

“Count Panel Data,” in B. Baltagi ed., Oxford Handbook of Panel Data, 2014, Oxford: Oxford University Press, pp. 233-256 (with P.K. Trivedi).

“A Practitioner’s Guide to Robust Inference with Clustered Data,” Journal of Human Resources, forthcoming (with Douglas L. Miller).

“Microeconometrics and Stata over the past 30 Years”, in Enrique Pinzon ed., Thirty Years with Stata: A Retrospective, Colege Station, TX: Stata Press, pp.89-98.

### **Other Publications**

“Yangma Expedition,” New Zealand Alpine Journal, 2011, pp.64-67 (with Ken Baldwin).

### **Current Research**

“Robust Inference with Dyadic Data.” (with Douglas 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-

Associate Editor, Journal of Econometric Methods, 2010-

Series Editor, Chapman & Hall/CRC Statistics in the Social and Behavioral Sciences, 2009- 2012.

Review Committees:

Scientific Advisory Board member, Business Research Unit, ICSTE - University Institute of Lisbon, Portugal, 2011-13.

Scientific Advisory Board member, Business School, ISCTE - University Institute of Lisbon, Portugal, 2014-.

Conference Organizer:

2012 California Econometrics Conference, September 2012.

Papers presented outside U.C.-Davis since 2005:

International Assoc. of Applied Econometrics, Annual Meetings, Thessaloniki, Greece, June 2015

Econometric Society, U.S. Winter Meetings, Boston, January 2015.

Dept. of Economics, University of New South Wales, Australia, November 2014

Dept. of Economics, Queensland University of Technology, Australia, November 2014.

Dept. of Economics, University of Queensland, Australia, November 2014.

Dept. of Economics, University of Melbourne, Australia, October 2014.

Dept. of Economics, Monash University, Australia, October 2014.

Dept. of Economics, University of Wollongong, Australia, September 2014.

Dept. of Economics, University of Sydney, Australia, August 2014.

Dept. of Economics, Central European University, Budapest, Hungary, March 2014.

Dept. of Economics, University of Southern California, March 2014.

Dept. of Economics, Uppsala University, Uppsala, Sweden, February 2014.

Workshop on Robust Inference and Policy Evaluation, PEPA, IFS, London, UK, November 2013.

California Econometrics Conference 2013, UCLA, September 2013.

Dept. of Economics, University of California, Irvine, June 2013.

Dept. of Economics, Universitat Autònoma de Barcelona, Spain, May 2013.

Dept. of Economics, George Washington University, Washington, DC, June 2013.

Dept. of Economics, Nuffield College, University of Oxford, UK, June 2012.

Annual Health Econometrics Meeting, Minneapolis, October 2013 (discussant).

University of Sydney, September, 2011.

University of Technology, Sydney, August 2011.

Dept. of Economics, University of British Columbia, April 2011.

Dept. of Economics, University of Washington, January 2011.

Dept. of Economics, University of California, Santa Barbara, September 2010.

Institute for Empirical Research in Economics, University of Zurich, Switzerland, Sept 2010.

International Monetary Fund, Washington DC, March 2010.

Dept. of Economics, Georgetown University, March 2010

Dept. of Economics, Minho University, Portugal, June 2010.

Annual Health Econometrics Meeting, Chicago, October 2009 (discussant).

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, RSSS, Australian National University, October, 2006.

Dept. of Economics, U.C.-Riverside, October, 2005.

World Congress of the Econometrics Society, London, August 20, 2005.

External examiner:

Ph.D. Licentiate, thesis opponent, Daniel Avdic, "Microeconomic Analyses of Individual Behavior in Public Welfare Systems: Applications in Health and Education Economics,"

Uppsala University, Sweden, February, 2014.

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, IHEA.

**Teaching since 2000** (First two courses taught in 2014-2015)

Analysis of Economic Data (ECN 102)

Undergraduate upper division introductory data analysis tools course including basic regression.

Health Economics (ECN 132)

Undergraduate upper division course for economics majors.

Econometric Foundations (ECN 239)

Ph.D. first-year econometrics field course.

Econometric Methods (Linear Regression with Matrix Algebra) (ECN 240A)

Ph.D. first year econometrics course.

Cross-section econometrics (ECN 240D)

Ph.D. second year econometrics field course.

Topics in Cross-section econometrics (ECN 240F)

Ph.D. second year econometrics field course.

Intermediate Microeconomics (ECN 101)

Undergraduate upper division course required for economics majors.

**Graduate Students At U.C.-Davis (completed degrees).**

Ph.D. Chair:

Sharon Ryan, 1995, "Employer-Provided Health Insurance and Compensating Wage Differentials: Evidence from the SIPP" (currently Assistant Teaching Professor, Economics, Univ. of Missouri).

Adrienne Kandel, 1998, "Estimation of Net Energy Savings Caused by Efficient Appliance Rebate Programs" (currently Economist, California Energy Commission)

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

Rasa Keanini, 2005, "Choice of Electricity Provider in California after Deregulation" (currently Public Utilities specialist, Bonneville Power Administration).

Juan Du, 2008, "Three Essays in Health Economics" (currently Assistant Professor, Old Dominion Univ.)

Chang-Seon Lee, 2009, "Employer-provided Health Insurance Status and Job Separation of Obese Workers" (currently Economist, LG Economic Research Institute, Korea).

Yoonie Chung, 2012, "Essays on the Economic Impact of Chronic Health Conditions and on Undocumented Immigrants Use of Medicaid" (first placement economist, Korea Energy Economics Institute).

Juan Tapia Gertosio, 2014, "School Test Scores Based on National Tests Taken by all Students: Estimation of School Effect and Noise Components and Estimation of their Effects on Subsequent School Enrollment - The Chilean Case". (currently Assistant Professor, Univeridad Technica Federico Santa Maria, Chile).

M.A. Chair:

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

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 Regulation Effect in Telecommunications Industry."

Sami Kittmitto, 2006. "The Pell Grant Puzzle: An Inquiry into the 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. "Essays on the Intra-family Effects of Displacement-driven Income Shocks."

Michael Grabner, 2010. "The Effect of Socio-economic Status on Obesity and Related Health Outcomes."

Travis Berge, 2011. "Forecasting and Evaluating Discrete Events in Macroeconomics and International Macroeconomics."

Chia-wen Chen, 2011. "Essays on Vertical Restraints and Competition Policy."

Jeremy Moulton, 2011. "Cohort Based Analysis of Income Shocks Over the Life Cycle."

Ju Hyun Pyun, 2012. "International Portfolio Diversification and Returns Correlation: Theory, Empirics, and Methodology for Panel Country-Pair Data."

Dan Liu, 2012. "Essays on International Trade and Inequality."

Ju Hyun Pyun, 2012. "Essays on International Maro\_Finance and Panel Econometrics".

Senke Chen, 2012. "Predictive Modeling for Clustered Data with Applications." .

David Simon, 2013. "Essays on the Economics of Family Health Behavior and Child Health."

Guojun Wang, 2014.

### **Department Service since 2000**

Public Relations / Web Committee, Chair, 2009-2011.

Graduate Studies Committee, member many years.

Undergraduate Studies Committee Member, 2014-15.

Computer Committee, member many years, Chair some years.

Econometrics seminar series, organizer many years.

Recruitment Committee, Chair 1999-2000, member many years.



### **University Service since 2000**

Chair, Faculty personnel Committee, Graduate School of Management.  
Member, Advisory Committee, UC Davis Data Science Initiative, 2015-  
Representative (currently Chair), Division of Social Sciences IT Committee.  
Chair, Epidemiology Graduate Program Review Committee, 2014.  
Member, Academic Senate Task Force on Simplifying the Academic Personnel Process (STAPP),  
2011-12.  
Chair, Political Science Graduate Program Review Committee, 2011.  
Member, UC Davis Graduate Program Review Committee, 2010-11.  
Member, Agricultural and Resource Economics Graduate Program Review Committee, 2009.  
Member, UCD Budget Advisory Committee, Self-supporting Sub-Committee, 2008-09.  
Coauthor, Report for the UCD Academic Senate, "Salaries at UC Davis in Comparison with other  
UC campuses," September 2008.  
Board Member, Davis Faculty Association, 2008-10.  
Chair, Transportation Technology and Policy Graduate Program Review Committee, 2003.  
Member, L&S Teaching Program and Training Review Committee, 2000-2004.  
Member, Special Committee on the Academic Personnel Processes, 2000.