

# Jenny Williams

## **Address**

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## **Education**

Ph.D. (Economics), Rice University, 1997

M.A. (Economics), Rice University, 1996

B.Ec. (Hons.), The Australian National University, 1990

## **Employment**

2012 - present: Full Professor, Department of Economics, University of Melbourne

2009 - 2011 : Associate Professor, Department of Economics, University of Melbourne

2004 -2008: Senior Lecturer, Department of Economics, University of Melbourne

2003 –2004: Lecturer, Department of Economics, University of Melbourne

## **Other Professional Experience**

1996- 2002: Lecturer, University of Adelaide, School of Economics

2000- 2001: Visiting Research Specialist, Health Policy and Research Center, University of Illinois at Chicago.

2000- 2001: Visiting Assistant Professor, Department of Economics, University of Illinois at Chicago

Feb 1997: Visiting Assistant Professor, Thamassat University, Thailand

1990- 1991: Research Assistant, Center for Economic Policy Research, Australian National University.

1990: Administrative Service Officer, Economic Division, Department of Prime Minister and Cabinet,

1990: Research Officer, Trade and Resources Division, Department of Prime Minister and Cabinet

## PUBLICATIONS

### Journals

1. Van Ours, J.C., Williams, J. Fergusson, D. and Horwood L.J (2013), "Cannabis Use and Suicidal Ideation.", *Journal of Health Economics* , 32(3): pp. 524-537
2. Van Ours, J and Williams, J (2012). "The Effects of Cannabis Use on Physical and Mental Health" *Journal of Health Economics*, 31(4) : pp. 564 - 577.
3. Van Ours, J and Williams, J (2011) "Cannabis Use and Mental Health Problems". *Journal of Applied Econometrics* 26 (7) : pp. 1137 - 1156.
4. Frijters, P., Shields, M., Wheatley Price, S. and Williams, J. (2011) "Quantifying the Cost of Passive Smoking on Child Health: Evidence from Children's Cotinine Samples." *Journal of the Royal Statistical Society, Series A* 174(1): 195-212.
5. Cameron, L.A. and Williams J. (2009), "Is the Relationship between Socioeconomic Status and Health Stronger for Older Children in Developing Countries?" *Demography* 46(2): 303-324.
6. Van Ours, J and J. Williams (2009) "Why Parent's worry: Cannabis Use by Youth and their Educational Attainment. *Journal of Health Economics* 28(1): 132-142.
7. Sickles, R.C. and Williams J. (2008), Turning from Crime. *Journal of Econometrics* 145(1-2):158-173.
8. Van Ours, J and J. Williams (2007). Cannabis prices and dynamics of cannabis use. *Journal of Health Economics* 26(3): 578-596.
9. Williams, J. and Skeels, C.L. (2006), "The Impact of Cannabis Use on Health," *De Economist* 154(4): 517-546.
10. Williams, J., Pacula, R., Chaloupka, F.J. and H. Wechsler (2006), "College Students' Use of Cocaine," *Substance Use and Misuse* 41( 4): 489-509.
11. Williams, J., Chaloupka, F.J. and H. Wechsler (2005), "Are There Differential Effects of Price and Policy on College Students' Drinking Intensity?", *Contemporary Economic Policy*, 23(1): 78-90. NBER working paper no. 8702, Dec 2001.
12. Williams, J. (2005), "Habit Formation and College Students' Demand for Alcohol," *Health Economics*, 14(2): 119-134.
13. Williams, J., Pacula, R., Chaloupka, F.J. and H. Wechsler (2004), "Alcohol and Marijuana Use Among College Students: Economic Complements or Substitutes?" *Health Economics*, 13(9): 825-843.
14. Williams, J. (2004), "The Effects of Price and Policies on Marijuana Use," *Health Economics* 13(2): 123-137.

15. Williams, J. and P. Mahmoudi (2004), "The Economic Relationship Between Alcohol and Cannabis Revisited," *Economic Record*, 80(248): 36-48.
16. Powell, L., Williams, J. and H. Wechsler (2004), "Study Habits and the Level of Alcohol Use Among College Students," *Education Economics*, 12(2): 135-149.
17. Williams, J., Powell, L., Chaloupka, F.J. and H. Wechsler (2003) "Does Alcohol Consumption Reduce Human Capital Accumulation? Evidence from the College Alcohol Study," *Applied Economics*, July 10, 35(10): 1227-1239.
18. Kalb, G. and J. Williams (2003), "Delinquency and Gender," *Applied Economic Letters*, June 10(7): 425-29.
19. Williams, J. and R.C. Sickles (2002), "An Analysis of the Crime as Work Model: Evidence from the 1958 Philadelphia Birth Cohort Study," *Journal of Human Resources*, 37(3): 479-509.
20. Cameron, L.A. and Williams, J. (2001), "Cannabis, Alcohol and Cigarettes: Substitutes or Complements?" *Economic Record*, 77(236): 19-34.
21. Williams, J. (2000), "Getting Tough on Crime: Will it Win the War?" *Agenda*, 7(1): 33-45.

### **Handbook and Book Chapters (Refereed)**

1. Van Ours, J and J. Williams (2013) "Health Consequences of Illicit Drugs Use", in The Encyclopedia of Health Economics . (Anthony Culyer, editor) Oxford: Elsevier, forthcoming
2. Sickles, R.C. and J. Williams - An Intertemporal Model of Rational Criminal Choice in Panel Data Econometrics: Theoretical Contributions and Empirical Applications, ed. B.H. Baltagi, Elsevier Science, Amsterdam: pp135-166 (2006).

### **Other Publications**

1. Williams, J. (2000), "Book Review of A. Colin Cameron and Pravin K. Trivedi, Regression Analysis of Count Data," *Economic Record*, 76(233): 216-218.
2. Williams, J., Pacula, R., Chaloupka, F.J. and H. Wechsler (2006), "Limits of Current Economic Analysis of the Demand for Illicit Drugs," *Substance Use and Misuse*, 41(4): 607-609.
3. Sickles, R.S and Williams, J., (2008), "Introduction to The Use of Econometrics in Informing Policy Makers." *Journal of Econometrics*, 145(1-2).

### **Conference Proceedings**

1. Van Ours, J.C. and J. Williams (2007) "Cannabis Why Parent's worry: Cannabis Use by Youth and their Educational Attainment." *Proceedings of the Australian Conference of Economists, September 2007*
2. Van Ours, J and J. Williams (2006) "Cannabis prices and dynamics of cannabis use", *Proceedings of the Australian Conference of Economists, September 2006*

3. Cameron, L.A. and Williams, J. (2005), "Is the Relationship between Socioeconomic Status and Health Stronger for Older Children in Developing Countries?" *Proceedings of the Australian Conference of Economists, September 2005* ISB (07340 26080).
4. Cameron, L.A. and Williams, J. (1999), "Substitutes or Complements: Alcohol, Cannabis and Tobacco?" *Proceeding of the Econometric Society's Australasian Meeting, July 1999*.
5. Williams, J. and R.C. Sickles (1997), "On the Role of Social Capital in Youth Crime: A Dynamic Structural Approach," *Proceedings from the Seventh Annual Conference on Panel Data*.

### **Working Papers**

1. Williams, J., van Ours, J.C., and Grossman, M. (2013), "Why Do Some People Want to Legalize Cannabis?" National Bureau of Economic Research Working Paper 16795
2. Williams, J. and Bretteville Jensen, A.L. (2012), "Decriminalization and Initiation into Cannabis Use?" University of Melbourne Working paper 1155, ISBN 978 0 7340 4506 5
3. Andalón, M., Grossman, M. and Williams, J. (2013) "The Effect of Schooling on Young Knowledge and Use of Contraception".
4. Van Ours, J.C. and J. Williams (2012), "Cannabis Use and Its Effects on Health, Education and Labor Market Success".
5. Ward, S. and Williams, J. (2013) "What is the Effect of Youthful Crime on Educational Attainment?"

### **Work in Progress**

"Early Childhood Nutrition and Cognitive Development" with L. Cameron and M. Andalón.

"Cannabis Use, Employment and Wages" with J.C. van Ours and M. Andalón.

"Has Mexico's Education Reform Affected Women's Fertility Related Behavior?" with Andalón, M., Grossman, M. van Ours, J.C.

"Disability in a Developing Country" with Michael Palmer.

### **Competitive Research Grants Awarded**

2013: University of Melbourne Faculty of Business and Economics Research Grant: Disability in a Developing Country

2011-2013: Australian Research Council - Discovery Grant: *An Econometric Analysis of the Impact of Education on Health in Developing Countries*. Joint with Jan van Ours, Michael Grossman, Liana Jacobi and Mabel Andalón.

- 2010: University of Melbourne Faculty of Business and Economics Research Grant: *What is the effect of schooling on smoking in a developing country?*
- 2009: Visiting Research Scholarship for Prof. Michael Grossman.
- 2007-2009: Australian Research Council - Discovery Grant: *An Econometric Analysis of Labour Market, Health and Educational Consequences on Cannabis Use*. Joint with Christopher Skeels, Jan van Ours and Rosalie Pacula.
- 2006: Visiting Research Scholarship for Prof. Jan van Ours.
- 2005-2007: Australian Research Council - Discovery Grant: *Health and Intergenerational Poverty in a Developing Country*. Joint with Lisa Cameron.
- 2004: University of Melbourne Faculty of Economics and Commerce Seeding Grant: *Globalization and Development in Asia: Governance, Policy Reforms and Impact on the Poor*. Joint with Sisira Jayasuriya, Peter Bardsley, Lisa Cameron, Donald MacLaren, Nisvan Erkal and Lata Gangadharan.
- 2003: University of Melbourne Faculty of Economics and Commerce Grant, *Is there a Graduate Earnings Premium for Students from Private Schools?* Joint with Elizabeth Webster.
- 2001: Australian Research Council - Small Grants Scheme: *Polydrug Use in Australia: The Case of Alcohol and Cannabis*.
- 2000: Australian Research Council - Small Grants Scheme: *An Economic Analysis of the Impact of Policy on Drug Use in Australia*.
- 1999: Australian Research Council - Small Grants Scheme: *An Economic Analysis of the Demand for Illicit Drugs in Australia*.
- 1998: Division of PALACE Australian Research Council Enhancement Grant *An Economic Analysis of Illicit Drug Use in Australia*.
- 1996/7: University Research Grant Scheme (University of Adelaide) *Turning to Crime: An Application of Numerical Methods to a Dynamic Structural Model*.

### **Fellowships and Awards**

- 2008-2009: Visiting Fellow, Economics, Research School of Social Sciences, ANU
- 2004: Outstanding Lecturer B Award, Faculty of Economics and Commerce.
- 2002: Best Paper in the Economic Record for 2001 (joint with L.A. Cameron).
- 2001: John Nuveen International Scholar Award, University of Illinois at Chicago.
- 1991-1996: Rice University Fellowship.
- 1989: Department of Prime Minister and Cabinet Cadetship.

### **Presentations At International Conferences**

- March 2013: Mental Health Policy, Economics and Health Care Reforms Workshop, Venice, Italy
- July 2013: International Health Economics Association meetings, Sydney
- June 2012: American Society for Health Economics, Minneapolis, USA
- April 2011: International Symposium on Econometric Theory and Applications, Melbourne.
- June 2010: American Society for Health Economics, Ithica, USA.
- June 2009: European Society Population Economics Conference, Seville, Spain.
- July 2006: Western Economic Association's Conference, San Diego, USA.
- July 2005: International Health Economics Association's Conference, Barcelona, Spain.
- June 2003: International Health Economics Association's Conference, San Francisco, USA.
- June 2003: European Society for Population Economics Conference, New York, USA.
- July 2002: Western Economic Association's Conference, Seattle, USA.
- Oct 2001: Illinois Economic Association Meetings, Chicago, USA.
- July 2001: International Health Economics Association Conference, York, U.K.
- June 2001: Western Economic Association Conference, San Francisco, USA.
- June 2001: Summer Programme in Data Analysis, York University, Toronto, Canada.
- Nov 2000: Southern Economic Association's Conference, Washington DC, USA.
- Oct 2000: Illinois Economic Association Conference, Chicago, USA.
- Aug 2000: Econometric Society's World Congress, Seattle, USA.
- June 2000: Western Economic Associations Conference, Vancouver, Canada.
- Jan 2000: Pacific Rim Allied Economic Organizations Conference, Sydney, Australia.
- Jan 2000: Winter Meeting of the Econometric Society, Boston, USA.
- June 1997: Seventh Annual Conference on Panel Data, Paris, France.

### **Presentations at National Conferences**

- Sept 2012: 2nd National Cannabis Conference, Brisbane
- Sept 2008: Conference of Health Economists, Adelaide.
- Sept 2007: Conference of Economists, Hobart.
- Sept 2006: Conference of Economists, Perth.
- Sept 2006: Conference of Health Economists, Perth.
- Sept 2005: Conference of Economists, Melbourne.
- Sept 2004: Conference of Health Economists, Melbourne.
- July 2004: Econometric Society's Australasian Meetings, Melbourne.
- Nov 2002: Australian Professional Society for Alcohol and Drugs, Adelaide.
- Sept 2002: Conference of Economists, Adelaide.
- Oct 1999: Conference of Economists, Melbourne.
- Oct 1999: Conference of Economists, Melbourne.
- Oct 1998: Conference of Economists, Sydney.
- July 1998: Econometric Society's Australasian Meetings, Canberra.
- July 1997: Econometric Society's Australasian Meetings, Melbourne.

### **Invited Presentations**

- April 2011: "The Effects of Cannabis Use on Physical and Mental Health" Second Australasian Workshop on Econometrics and Health Economics
- March 2011: "Cannabis Use and Suicidal Ideation" Health Economics Workshop, Melbourne Institute of Applied Economic and Social Research
- Feb 2011: "The Effects of Cannabis Use on Physical and Mental Health" Center for Applied Economic Research Summer Workshop in Health Economics, Sydney.

- March 2008 “Cannabis Use and Mental Health”, Health Economics Workshop, Melbourne Institute of Applied Economic and Social Research
- Sept 2007: “Why Parents Worry: Initiation into Cannabis Use by Youth and Their Educational Attainment”, Invited Session at the Conference of Economists, Hobart.
- Nov 2007: “Why Parents Worry: Initiation into Cannabis Use by Youth and Their Educational Attainment”, National Drug and Alcohol Research Council, Sydney University and the George Institute, Sydney.
- Feb 2006: “Is the Relationship Between Socioeconomic Status and Health Stronger for Older Children in Developing Countries?” Center for Applied Economic Research Summer Workshop in Health Economics, Sydney.
- April 2006: “Turning from Crime” Workshop on the use of Public Policy in Informing Public Policy Makers, Houston Texas, USA.
- Nov 2006 “Why Parents Worry: Initiation into Cannabis Use by Youth and Their Educational Attainment” One Day Microeconometrics Workshop, University of Melbourne
- Nov 2005: “The Consequences of Drug Use”, Workshop on the Economics of Alcohol, Tobacco and Illicit Drug Use, Turning Point., Victoria
- Jan 2004: “Are their differential Effects of Price and Policy on College Students’ Drinking Behaviour?” Center for Applied Economic Research Summer Workshop in Health Economics, Sydney.
- Aug 2001: “Alcohol and Marijuana Use Among College Students: Economic Complements or Substitutes?” National Bureau of Economic Research Summer Workshop in Health Economics, Cambridge, USA.

## **Teaching and Supervision**

### ***PhD. Supervision***

Shannon, Ward (2011-2013), "The Economics of Crime and Education."

### ***Masters Supervision***

Alexander Paull (2013), "Economic Conditions and Crime: The Effect of Consumer Sentiment." University of Melbourne.

Mills, G. (2009), “An empirical Study of the Persistence of the Negative Relationship between Body Mass Index and Wages for Women in the UK.” University of Melbourne.

Marks, D. (2006), “The Effect of Parental Leave Legislation on Labour Market Outcomes: A Cross Country Examination.” University of Melbourne.

### ***Honours Supervision***

Michael Pass (2013), "The Black Saturday Bushfires and Residential Property Markets", University of Melbourne.

Bing-Xin Qian (2013), "The Impact of Immigration on Australia’s Housing Market", University of Melbourne.

- Dheepan Krishnan , (2012) "The Effect of Unemployment Shocks on Happiness in Australia", University of Melbourne.
- Chin, R. (2011), "A Dynamic Model of the Effects of Socioeconomic Factors and Deterrence on Property Crime in New South Wales", University of Melbourne.
- Ward, S. (2009), "The Hidden Cost of Childhood Exposure to Crime." University of Melbourne
- Srikanthan, S. (2008), "How does early childhood nutrition affect later educational outcomes? A longitudinal analysis of Indonesian children." University of Melbourne
- Vardy, K. (2006), "What is the Relationship between income and Health for Indigenous Children in Australia?" University of Melbourne.
- Cooke, N. (2004), "The impact of Indonesia's Health Care program on Assistance at Birth, Prenatal Care and Birth Weight." University of Melbourne
- Cornish, M. (2004) "Examining the Effects of Human Capital Characteristics on weekly incomes of teachers in Australia: With a look at the Perceived Male shortages in Australia". University of Melbourne
- Gordon, W. (2002), "The Relationship between Drug Use and Labour Market Success." University of Adelaide.
- Dolman, B. (1999), "The Demand for Alcohol, Tobacco and Marijuana: Some Econometric Evidence." University of Adelaide.
- Crisci, P. (1997), "Random Breath Testing in South Australia: Is it Effective in Reducing Road Fatalities and Casualties?" University of Adelaide.
- Zielinski, C. (1997), "Heroin Consumption and Crime: The Effect of Methadone and Needle Exchange Programs." University of Adelaide.

### **Subjects Taught**

#### ***University of Melbourne***

- 2012-2013: ECOM90014 Advance Econometric Techniques II
- 2012: ECON90057 Studies in Advanced Economics I
- 2011-13: 316-318 Applied Microeconomic Modelling
- 2008-2011: 316-347 Health Economics
- 2003-2009: 316-205 Introductory Econometrics
- 2003-2004: 316 661 Quantitative Methods for Business

#### ***University of Adelaide***

- 2000, 2002: Honours Econometrics A (microeconometrics)
- 2000, 2002: Honours Econometrics C (applied econometrics)
- 1998-1999: Honours Econometrics (cross-section and panel methods)
- 1997-2000, 2002: Econometrics III (theory and applications)
- 1998-1999, 2002 Economic Data Analysis II (classical model and violations)
- 1997: Microeconomics II
- 1997-1998: Microeconomics III

**University of Illinois at Chicago, Chicago**

2000: Economics 218 (2<sup>nd</sup> year microeconomics)

**Thamassat University, Thailand**

1997: The Australian Economy

**Rice University, Houston, Texas**

1994-1995: Introductory Microeconomics

**Professional Activities and Service:**

**Administrative Duties**

Director, Microeconometrics Unit, University of Melbourne 2011, 2012, 2013

Research and Research Training Committee, University of Melbourne, 2011, 2012.

Teaching and Learning Associate, University of Melbourne, 2008-2011.

Convener of the Microeconometrics Workshop, University of Melbourne, 2006.

Member of Selection Committee for Junior Hiring, University of Melbourne, 2005-6, 2012-13.

Member of Departmental Committee, University of Melbourne, 2004

**Refereeing**

*Addiction, American Economic Review, Australian Economic Papers, Australian Economic Review, Australian Research Council, AXA, Economics of Education, Economic Record, Empirical Economics, Health Economics, International Journal of Drug Policy, Journal of Econometrics, Journal of Health Economics, Journal of Political Economy, Journal of Policy Administration and Analysis, Journal of Public Economics, Journal of Population Economics, Southern Economic Journal.*