

# CURRICULUM VITAE

January 2016

Paul CONTOYANNIS

## PERSONAL DATA

Business Address: Department of Economics  
KTH-416  
McMaster University  
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Hamilton, Ontario  
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CANADA  
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## EDUCATIONAL BACKGROUND

July 2000      *D.Phil. (Economics)*,      University of York, UK  
July 1997      *M. Sc Health Economics*, University of York, UK  
July 1994      *B. Sc (Hons) Economics*, University of York, UK

## CURRENT STATUS AT McMASTER

*Associate Professor* Department of Economics (ON LEAVE July 3 2015-)  
July 1<sup>st</sup> 2006-  
*Assistant Professor*, Department of Economics (Tenure-track)  
July 1<sup>st</sup>2004-June 30<sup>th</sup> 2006  
*Member*,  
Centre for Health Economics and Policy Analysis  
Feb 1<sup>st</sup> 2002-  
*Associate Member*, Department of Clinical Epidemiology and  
Biostatistics, Faculty of Health Sciences  
July 1<sup>st</sup> 2004-June 30th 2007

First appointment at McMaster: *Assistant Professor*, Department of Clinical Epidemiology and Biostatistics, Faculty of Health Sciences, Feb 2002-June 2004

## PROFESSIONAL ORGANIZATIONS

Athens Institute for Education and Research(ATINER)  
Royal Statistical Society(RSS)

## EMPLOYMENT HISTORY

### (i) Academic

*Visiting Fellow*, Department of Economics, University of Warwick, UK. Jan-Mar 2015

*Assistant Professor*, Department of Clinical epidemiology and Biostatistics, Faculty of Health Sciences, McMaster University Feb 2002-June 2004

*Visiting Associate Professor*, Faculty of Commerce and Economics, University of New South Wales, Sydney, Australia: January-February 2004

*Research Fellow*, Department of Economics, University of York, Heslington, York YO10 5DD

1 August 1999- 31 December 2001 on Economic and Social Research Council (ESRC) project:

*'Simulation-based econometric approaches to investigating the interaction of lifestyle and health'*

*Research Fellow*, Department of Economics, University of York Heslington, York YO10 5DD

1 April 1998- 31 March 1999 on Economic and Social Research Council project: *'Using Panel Data to investigate the interaction of health and lifestyles'*

### (ii) Consultations

Theme Overviewer for the 'Lifestyle, Lifecourse, and Health' Theme for the Economic and Social Research Council, UK 2005

## SCHOLARLY AND PROFESSIONAL ACTIVITIES

### (i) Editing and Editorial Boards

Editor: CHEPA Working Paper series (Dec 2002-June 2007)

Associate Editor: Journal of the Royal Statistical Society Series A (Statistics in Society)

(Jan 2008-July 2012)

Editorial Boards:

International Journal of Computational Economics and Econometrics (Oct 2009-  
McMaster University Statistics Canada Research Data Centre Editorial Board Member  
(Mar 2003-)

### (ii) Grant and Personnel Committees

Department of Economics Hiring Committee Member (2004-5, 2005-6)

(iv) Journal referee:

Canadian Public Policy(2), Empirical Economics(4), European Journal of Health Economics(1), European Economic review(1), Health Economics(24), Journal of Business and Economic Statistics(1) Journal of Health Economics(17), Health Care Management Science(1), Review of Economic Studies(1), Medical Care(2), Social Science and Medicine(9), Journal of Applied Econometrics(3), Health Policy(1), Southern Economic Journal(2), Journal of Economic Inequality(1), Regional Science and Urban Economics(1), Econometric Journal(1), Journal of Econometrics(1), Economic Inquiry(1), Canadian Medical Association Journal(1), Journal of Socio-Economics(1), Journal of Obesity(1), Health Economics, Policy and Law(2), Review of Economics of the Household(2), Journal of Economic Surveys(1), Oxford Bulletin of Economics and Statistics(2), Journal of Risk and Insurance(1), Applied Health Economics and Policy(1)

(v) External Grant Review

University Grants Committee of Hong Kong (2002, 2006, 2008, 2009x3, 2011, 2012x2, 2013, 2014)

Social Sciences and Humanities Research Council of Canada (2006, 2007, 2011)

Economic and Social research Council(UK) 2014

**Conference/Workshop Organization:**

Joint Organizer: Canadian Health Economics Study Group(CHESG) meeting. McMaster University, May 11<sup>th</sup>-12<sup>th</sup> 2006

Organizing Committee member: Canadian Econometric Study Group(CESG) Conference. McMaster University, September 19<sup>th</sup>-21<sup>st</sup>, 2003

**AREAS OF INTEREST**

Substantive: Population Health, Health Dynamics, Inequalities in Health, Child Health

Methodological: Evaluation of interventions in Health and Health Care, Estimation and Inference for complex micro-econometric models, Longitudinal Data Analysis.

**HONOURS, AWARDS, AND SCHOLARSHIPS**

Oct 95- Apr 1998 University of York D. Phil Scholarship

Oct 94- Oct 1995 Economic and Social Research Council Postgraduate Competition

**COURSES TAUGHT**

### **(i) Undergraduate**

- Sep-Dec 2012-2014 'Econometrics' - ECON 3U03 McMaster University  
Jan-Apr 2009-12 'Honours seminar in Economics' -ECON 4A03 McMaster University
- Jan-Apr 2005 'Introduction to Health Economics' -ECON 3Z03 McMaster University
- Sep- Dec 2004-7,  
Sep-Dec 2010,2012-14'Methods of Inquiry in Economics'-ECON 3F03 McMaster University
- Nov 2002, 3 Lecturer-'An Introduction to Health Economics' -McMaster University.  
Health Sciences 3B03, Health, Science and Society.
- Oct 97-June 1998 Teaching Fellow (Tutor) -Dept of Economics, University of York  
First year undergraduate seminars in microeconomics, macroeconomics, and applied economics. (2 groups of 12 students for 30 weeks)

### **(ii) Graduate**

- Sep-Dec 2011-14 'Doctoral Seminar' Economics 798
- Sep-Dec 2005,6,8,9 'Health Economics' Economics/HRM 788
- Jan-Apr 2007, 09-14 'Analysis of Health Data' Economics 795
- Jan-Apr 2005,6 'Methods for the Analysis of longitudinal data' Econ 769/HRM 714(as Apr-July 2003 & 2004 below)
- Jan-Apr 2004-7, 10 Co-ordinator and instructor for 4 sessions-McMaster University- Economics/HRM 791: 'Contemporary Issues in the Economics of Health and Health Care'
- Apr-July 2003,4 Developer, Co-ordinator and instructor for all sessions(12 \*3hrs)- McMaster University- Economics/HRM 714: 'Methods for the Analysis of Longitudinal Data'
- Oct -Dec 2002 Instructor -3 sessions-McMaster University- Economics/HRM 788: 'Health Economics' : Sessions on The demand for health and health care and 2 sessions on Efficiency and Equity in Health and Health Care.
- Oct 95-Mar1998 Seminar Tutor- M.Sc Health Economics- University of York  
Instructor in each year for 5 3hr M.Sc tutorials in Health Economics. In particular: Equity, the Demand for Health, Insurance, Epidemiology and Medical Sociology.

### **(iii) Postgraduate**

Co-author and developer of statistics module for postgraduate diploma in health economics (by Distance learning) University of York 2001

#### **(iv) Other/Professional Courses**

Co-author and presenter (with A.M. Jones) of a short course in Health Econometrics for the Office of Health Economics (2000)

Presenter of 'Panel Data Econometrics and Limited dependent variables' in the Summer Programme in Data Analysis (SPIDA) (July 2001) York University, Toronto, Canada

Co-author and presenter (with A.M. Jones and R. Leon-Gonzalez) of a Pre conference session 'Using Panel Data Econometrics in Health Economics' at the 3<sup>rd</sup> iHEA World Congress -York, UK. July 2001

Presentations at the York Seminars in Health Econometrics (YSHE) (<http://www.york.ac.uk/res/herc/activities.html>) including a short lecture course on programming, bootstrapping, and Monte Carlo simulation using STATA and GAUSS. (1998-2001)

#### **SUPERVISORSHIPS**

2007-2011

Jinhu Li: Department of Economics, McMaster University

2010-

Mustafa Ornek: Health Policy Ph.D, McMaster University

#### **(v) Supervisory Committees**

*(i) Masters*

2004-

Kelly Morris: Health Research Methodology Programme, Department of Clinical Epidemiology+Biostatistics, McMaster University

*(ii) Doctoral*

2000-2001

Roberto Leon Gonzalez: Department of Economics, University of York

2003-2007

Rochelle Martin: Health Research Methodology Programme, Department of Clinical Epidemiology + Biostatistics, McMaster University

2004-2005

Yuqian Lu: Department of Economics, McMaster University

2006-2009

Kadir Atalay : Department of Economics, McMaster University

2011-

Sandra Jelovac: Ph.d in Health Policy, McMaster University

(vi) Others:

Ph.d examiner

External Examiner :York University January 2006 Department of Economics

Examiner :McMaster University July 2007 Daniel Krupp ;Department of Psychology

Transfer Committees

M.Sc-Ph.D

(2003) Tina Karwalajtys: Health Research Methodology Programme, Department of Clinical Epidemiology+Biostatistics, McMaster University

(2004) Mandeep Tamber: Health Research Methodology Programme, Department of Clinical Epidemiology+Biostatistics, McMaster University

**RESEARCH FUNDING**

1 April 2007- 1April 2010 (230,000AUS\$) Australian Research Council (Partner)

1 April 2005- October 1 2010 (53,555CDN\$) Social Sciences and Humanities Research Council of Canada Operating Grant: '*Investigating the impact of childhood characteristics on adult health and economic outcomes*' Principal Applicant: P.Contoyannis. Co-Applicants: Michael Boyle, Martin Dooley)

1 October 2004- 1 October 2005 (3,300 GBP) British Academy/ACU grants for international collaboration 2004: Joint applicants: P.Contoyannis, J. Wildman (University of Newcastle)

1 August 1999- 31 December 2001 (100, 000 GBP). Economic and Social Research Council(ESRC) Research Grant:

*'Simulation-based econometric approaches to investigating the interaction of lifestyle and health'*

Principal Applicant: AM Jones, Co-Applicants: P.Contoyannis, N. Rice

1 April 1998- 31 March 1999 (30,000 GBP). Economic and Social Research Council(ESRC) Research Grant:  
*'Using Panel Data to investigate the interaction of health and lifestyles'*  
Principal Applicant: AM Jones, Co-Applicants: N. Rice, M. Sutton

## LIFETIME PUBLICATIONS

The principal author's name is underlined on each of the entries below. In a case where principal authorship cannot clearly be assigned I have underlined all authors.

(i) PEER REVIEWED

### b) Contributions to books

Contoyannis, P. and Jones, A.M (2001) '*Addiction and adjustment costs: an empirical implementation*' Chapter 3, p61-83, in '*Economic analysis of substance use and abuse: The experience of Developed Countries and Lessons for Developing Countries*', edited by Grossman. M, and Hsieh, C.R. -Edward Elgar

Contoyannis, P. and Jones, A.M (2002) '*Rationality, nicotine dependence and adjustment costs*'  
Chapter 4, p70-92, in '*Individual decisions for health*' edited by Lindgren. B. -  
Routledge

Jones, A., Rice., N., and Contoyannis., P (2006) '*The Dynamics of Health*' Chapter 2 in the *Elgar Companion to Health Economics* edited by Jones., A.

Jones, A., Rice., N., and Contoyannis., P (2012) '*The Dynamics of Health*' Chapter 2 in the *Elgar Companion to Health Economics 2<sup>nd</sup> Edition* edited by Jones., A.

### c) Journal Articles

Contoyannis, P. and Forster, M. '*The distribution of health and income: A theoretical framework*' *Journal of Health Economics* (1999) 18: 605-622

Contoyannis, P. and Forster, M. '*Our healthier nation?*'  
*Health Economics* (1999) 8:289-296

Contoyannis, P. and Rice, N. '*The impact of health on wages: evidence from the British Household Panel Survey*'- *Empirical Economics* (2001) 26:599-622.

Jowett, M., Contoyannis, P. and Vinh, N-D '*The impact of public voluntary health insurance on health expenditures in Vietnam.*'-*Social Science and Medicine* (2003) 56, 2: 3333-3342

Contoyannis, P. and A.M Jones and N. Rice '*Simulation-Based inference in dynamic*

*panel probit models: an application to health*'-***Empirical Economics*** (2004) 29,1:49-77 (reprinted in 'Panel Data: theory and Applications' edited by Baltagi., B. Physica-Verlag 2004)

Contoyannis, P. and A.M Jones and R. Leon-Gonzalez 'Using simulation-based inference with panel data in health economics'-***Health Economics*** (2004) 13, 2:101-122

Contoyannis, P. and A.M Jones and N. Rice 'The dynamics of health in the British Household Panel Survey'-***Journal of Applied Econometrics*** (2004) 19,4, 473-503

Contoyannis, P. and Jones, A.M 'Socio-economic status, health and lifestyle' ***Journal of Health Economics*** (2004) 23, 5, 965-995

Contoyannis, P. Hurley, J, Grootendorst, P, Jeon, S-H and Tamblyn. R 'Estimating the price elasticity of expenditure for prescription drugs in the presence of non-linear price schedules: An illustration from Quebec, Canada' '***Health Economics***' (2005) 14: 909-923.

Contoyannis., P and Wildman., J (2007) 'Using relative distributions to investigate the Body Mass Index in England and Canada' ***Health Economics*** (2007) 16: 929-944

Contoyannis. P and Martin Dooley.(2010) 'The Role of Child Health and Economic Status in Educational, Health and Labour Market Outcomes in Young Adulthood.' ***Canadian Journal of Economics*** 43, 1, 323-346

Contoyannis. P and Li.J (2011) 'The evolution of health outcomes from Childhood to adolescence' ***Journal of Health Economics*** 30, 1, 11-32

Guindon. E and Contoyannis., P(2012) 'A second look at pharmaceutical spending as a determinant of health outcomes in Canada' ***Health Economics*** 21, 12, 1477-1495

(ii)NOT PEER REVIEWED

e) Other:

Book Reviews

(2001) **Simulation-based Inference in Econometrics: Methods and Applications** edited by R.Mariano, T.Schuerman and M.J.Weeks (2000) in the ***Journal of the Royal Statistical Society Series D.*** 50,4, 554-555.

(2007) **The impact of inequality: How to make sick societies healthier**' by Richard Wilkinson (2005) in the ***Canadian Journal of Public Health*** 98, 5, p428

v) Unpublished documents

b)Other



Ornek, M, Sweetman. A, Contoyannis., P(2015) '*An Evaluation of Models to Correct Errors in Self-Reported Measurements of the Body Mass Index*' Under review at Economics and Human Biology (May 2015)

Contoyannis., P and Li. J (2014) '*The dynamics of depression in adolescence and early adulthood*' Revised and Resubmitted to Journal of Royal Statistical Society Series A (July 2015) as '*The Dynamics of adolescent depression: An instrumental variable with fixed effects approach*'.

Contoyannis., P and Bao. L (2015) '*The Impact of Income on Mortality: Results from Meta-Analyses and Meta-Regressions*' Mimeo

Contoyannis., P and Bao. L (2015) '*The Impact of Income on Health: Results from Meta-Analyses and Meta-Regressions*' Mimeo-

Contoyannis., P Ornek, M, Sweetman. A (2015) '*Decomposing differences in the BMI distributions of Canada and the United States*' Mimeo-June 2015

Guindon, GE , Contoyannis.P , Nandi.,A, Chaloupka. ,FJ and Jha.P (2015) '*The impact of prices on smoking tobacco and using alcohol in India*' Mimeo-July 2015

Hurley, J., P. Contoyannis, P. DeCicca, M. Grignon, C. Longo, J-E Tarride. (2010) '*Economic Policy Analysis for the Health Sector*'. Report submitted to the Ontario Ministry of Health and Long-term Care. May.

Hutchison. B, Buckley. N, Hurley. J, Contoyannis. P, Ruskova. A, Buckley. G, Reid. R, Finkelstein. M, and Rakita. O (2006) '*Needs adjusted Primary Care Capitation Payment: Development and Comparison of Models*' Final Report to the Ontario Ministry of Health and Long-term care

## **PRESENTATIONS AT MEETINGS**

### (ii) a) Contributed and Peer Reviewed

Contoyannis, P. and Jones AM. '*A model of Health and Lifestyle*' (Presented at Health Economics Study group meeting, University of Galway, Ireland-July 1998, and IHEA, Rotterdam July 1999)

Contoyannis, P. and Rice, N. '*The impact of health on wages: evidence from the British Household Panel Survey*' University of Newcastle, UK (1999)

Co-author and presenter (with A.M. Jones and R. Leon-Gonzalez) of a Pre-conference session '*Using Panel Data Econometrics in Health Economics*' at the 3<sup>rd</sup> iHEA World Congress York, UK. July 2001

Contoyannis, P. Hurley, J, Grootendorst, P, Jeon, S-H and Tamblyn. R '*Estimating the*

*price elasticity of expenditure for prescription drugs in the presence of non-linear price schedules: An illustration from Quebec, Canada* Canadian Economics Association Meetings. Ryerson University, Toronto June 2004

Contoyannis, P. Hurley, J, Grootendorst, P, Jeon, S-H and Tamblyn. R *'Estimating the price elasticity of expenditure for prescription drugs in the presence of non-linear price schedules: An illustration from Quebec, Canada'* European Workshop on Health Economics and Econometrics- Venafro, Italy September 2004

Contoyannis, P. and Wildman, J. *'Using relative distributions to investigate socio-economic inequalities in the Body Mass Index in England and Canada'* 5<sup>th</sup> iHEA World Congress, Barcelona, Spain. July 2005

Contoyannis, P. and Wildman, J. *'Using relative distributions to investigate socio-economic inequalities in the Body Mass Index in England and Canada'* Canadian Health Economics Study Group, Ottawa, May 2007

Contoyannis, P and Dooley. M *'The impact of child physical and sexual abuse on adult economic outcomes'* International Health Economics Association World Congress, Copenhagen, June 2007

Guindon. E and Contoyannis., P *'A second look at pharmaceutical spending as a determinant of health outcomes in Canada'* Canadian Association of Health Services and Policy Research, Calgary, May 11-14 2009 (Contributed- Presented by Guindon)

Contoyannis. P and Martin Dooley. *'The impact of physical and sexual abuse in childhood on adult economic outcomes'* Canadian Economics Association, University of Toronto May 30<sup>th</sup> 2009 (Contributed).

Contoyannis. P and Li. J : *'The Evolution of Health Outcomes from childhood to adolescence'* Canadian Health Economics Study Group, University of Waterloo, May 27<sup>th</sup> 2009 (Contributed)

Contoyannis. P and Li. J : *'The Evolution of Health Outcomes from childhood to adolescence'* International Health Economics Association(iHEA) Beijing, China.July 7-11(Contributed-Presented by Jinhu Li) 2009

Contoyannis. P and Li. J : *'The Evolution of Health Outcomes from childhood to adolescence'* Health over the Life Course Conference, October 15-16, 2009 University of Western Ontario-(Contributed-Presented by Jinhu Li)

Contoyannis. P and Martin Dooley. *'The impact of physical and sexual abuse in childhood on adult economic outcomes'* ATINER Conference on Health Economics and Management, Athens, Greece June 2010(Contributed)

Contoyannis. P and Li. J : *'The Dynamics of Depression in adolescence and early adulthood'* ATINER Conference on Health Economics and Management, Athens, Greece, June 27<sup>th</sup>-30<sup>th</sup> 2011 (Contributed)

Contoyannis. P and Li. J : '*The Dynamics of Depression in adolescence and early adulthood*' Canadian Health Economics Study Group, University of Western Ontario, July 8<sup>th</sup>-9<sup>th</sup> 2011 (Contributed)

Contoyannis. P and Li. J : '*The Dynamics of Depression in adolescence and early adulthood*' 3<sup>rd</sup> Annual Health Econometrics Workshop, University of Minnesota, Sep 29-Oct 1 2011 (Contributed-Presented by Li. J)

Contoyannis. P and Bao. L : '*The Impact of Income on Health and Mortality: Results from Meta-Analyses and Meta-Regressions*' ATINER Conference on Health Economics and Management, Athens, Greece, June 26<sup>th</sup>-29<sup>th</sup> 2012 (Contributed)

#### Not peer reviewed

Contoyannis, P. and Forster, M. '*Our healthier nation?*' Lund University, Sweden, May 1999

Contoyannis, P. and A.M Jones and N. Rice '*The dynamics of health in the British Household Panel Survey*' Canadian Centre for Studies of Children at risk, McMaster University, Hamilton, May 2002

Contoyannis, P. and Jones, A.M '*Socio-economic status, health and lifestyle*' Department of Economics, McMaster University, Dec 2003

Contoyannis, P. and Jones, A.M '*Socio-economic status, health and lifestyle*' Workshop on Health Economics, Centre for Applied Economic Research, University of New South Wales, January 29-30 2004.

Contoyannis, P. and Jones, A.M '*Socio-economic status, health and lifestyle*' Department of Economics, Research School of the Social Sciences, Australian National University, Canberra, February 2004

Contoyannis, P. and Jones, A.M '*Socio-economic status, health and lifestyle*' Institute for Applied Economic Research, University of Melbourne, February 2004

Contoyannis, P. and Wildman, J. '*Using relative distributions to investigate socio-economic inequalities in the Body Mass Index in England and Canada*' Wilfrid Laurier February 2007

Contoyannis. P and Martin Dooley. '*The impact of physical and sexual abuse in childhood on adult economic outcomes*' Polinomix@ McMaster University. May 6<sup>th</sup> 2009

#### Discussions

Discussant of papers at each of the 6<sup>th</sup> (Lisbon-1998), 7<sup>th</sup> (Helsinki-1999) 8<sup>th</sup> (Amsterdam-2000) and 9<sup>th</sup> (London-2001) European Workshops in Health Economics and Econometrics.

Discussant at Nordic Health Economists Study group, Oslo 1998  
Discussant at the Statistics Canada RDC conference-McMaster University, Canada  
September 2003  
Discussant at Canadian Econometric Study group meeting-McMaster University, Canada  
September 2003  
Discussant at Canadian Health Economics Study Group meeting-University of Toronto,  
May 2005  
Discussant at the CHEPA Health Equity Workshop (Dec 3-4<sup>th</sup> McMaster University 2009)  
Discussant at the Canadian Economics Association Meeting, University of Toronto May 30  
2010  
Discussant at IHEA, Toronto, July 2011  
Discussant at CIREQ Montreal Applied Economics Conference April 2015

### **ADMINISTRATIVE RESPONSIBILITIES**

Head of the Health Research Unit(Athens Institute for Education and Research-ATINER)  
July 2012-  
Director of Graduate Studies, Department of Economics, July 2011-July 2014  
Graduate Admission Committee (MA and Ph.D ), Department of Economics 2011,2012  
CHEPA Doctoral Fellowship Committee 2011  
Faculty of Social Science Liaison to Faculty of Business 2008- June 2010  
SSHRC/OGS M.A and Ph.D Scholarships Committee Reviewer 2009-2010  
Health Economics at McMaster (HEAM) Member 2007-  
Department of Economics Committee on Faculty, 2006-2007  
Graduate Education Committee, Department of Economics 2004-  
Graduate Education Committee, Faculty of Health Sciences, 2002-2005  
Ph.D Health Research Methodology admissions committee 2002-April 2005  
CHEPA studentship awards committee 2002-2004, 2008