

Curriculum Vitae *

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Education

- *Doctor of Philosophy*, Economics, New York University, 1992.
- *Master of Arts*, Economics, New York University, 1989.
- *Bachelor of Science*, Economics, Aristotelian University of Thessaloniki, 1983.

Professional Experience

- *University of Cyprus*, Professor 2009 to present; Associate Professor 2001-2009; Assistant Professor, 1996-2001; Lecturer, 1995-1996.
- *University of Leicester*, Reader, 2001-2004.
- *Apogee Research Inc.*, Research Consultant, 1994-1995.
- *New York University*, Research Scientist, 1992-1994, Adjunct Assistant Professor, 1992-1993, Research Fellow, 1988-1992, Graduate/Teaching Assistant, 1986-1988.
- *Adelphi University*, Adjunct Assistant Professor, 1993-1994.
- *Kean College of New Jersey*, Adjunct Assistant Professor, 1993.

Research Interests

Infrastructure, R&D Spillovers, Productivity, Human Capital and Growth; Applied Economics and Econometrics

Published Manuscripts

Journal Articles

1. An Updated Ranking of Academic Journal in Economics (with P. Kalaitzidakis and T. Stengos), *Canadian Journal of Economics*, forthcoming.
2. The Effect of Emissions on U.S. State Total Factor Productivity Growth, (with N. Empora) *Review of Economic Analysis*, 3(2), 149-172, 2011.
3. A Dual Definition for the Factor Content of Trade and its Effect on Factor Rewards in US Manufacturing (with A. Delis), *Economic Inquiry*, forthcoming.
4. The Effect of Information Technology and Human Capital on Economic Growth (with E. Ketteni and T. Stengos), *Macroeconomic Dynamics*, forthcoming.
5. Infrastructure, Input Efficiency and Productivity Growth in the Canadian Food Processing Industry (with J. Bernstein), *Journal of Productivity Analysis*, 29 (1), 1-13, 2008
6. Is the Financial Development and Economic Growth Relationship Nonlinear? (with E. Ketteni, A. Savvides and T. Stengos), *Economics Bulletin*, 15(14), 1-12, 2007.

* October 2011

7. Irreversible Investment, Capital Costs and Productivity Growth: Implications for Telecommunications (with J. Bernstein), *Review of Network Economics*, 6(3) 274-296, 2007.
8. Nonlinearities in Economic Growth: A Semiparametric Approach applied to Information Technology Data, (with E. Ketteni and T. Stengos) *Journal of Macroeconomics*, 29(3), 555-568, 2007.
9. Depreciation Estimation, R&D Capital Stock and North American Manufacturing Productivity Growth (with J. Bernstein) *Annales d' Economie et de Statistique* 79/80, 2006.
10. R&D Depreciation, Stocks, User Costs and Productivity Growth for US R&D Intensive Industries, (with J. Bernstein) *Structural Change and Economic Dynamics*, 17(1) 70-99, 2006
11. Economic Development and the Return to Human Capital: A Smooth Coefficient Semiparametric Approach (with A. Savvides and T. Stengos) *Journal of Applied Econometrics* 21(1) 111-132, 2006.
12. Technical Efficiency and U.S. Manufacturing Productivity Growth, (with J. Bernstein and P. Pashardes), *Review of Economics and Statistics* 86(1), 402-412, 2004.
13. North-American Spillovers and the Productivity of European Academic Institutions, (with P. Kalaitzidakis and A. Savvides T. Stengos), *Economics of Education Review* 23, 191-202, 2004.
14. Rankings of Academic Journals and Institutions in Economics, (with P. Kalaitzidakis and T. Stengos), *Journal of European Economic Association* 1(6), 1346-1366, 2003.
15. Inflation and Productivity Shocks (with L. Christophides), *Economics Letters* 78, 117-223, 2003.
16. A Specification Analysis of Cross-Country Growth Regressions, (with P. Kalaitzidakis and T. Stengos), *Empirical Economics*, 27 (4), 645-656, 2002.
17. Measures of Human Capital and Nonlinearities in Economic Growth, (with P. Kalaitzidakis, A. Savvides and T. Stengos), *Journal of Economic Growth*, 6(3) 229-254, 2001.
18. A Nonlinear Sensitivity Analysis of Cross-Country Growth Regressions, (with P. Kalaitzidakis and T. Stengos), *Canadian Journal of Economics*, 33(3), 2000.
19. Intertemporal Output and Employment Effects of Public Infrastructure Capital: Evidence from 12 OECD Economies, (with P. Demetriades), *Economic Journal*, 110 (465), 687-712, 2000.
20. Infrastructure, Specialization and Economic Growth, (with S. Bougheas and P. Demetriades), *Canadian Journal of Economics*, 33(2), 506-522, 2000 [Nominated for the Harry Johnson Prize by the Canadian Economic Association].
21. European Economics: An Analysis Based on Publications in the Core Journals, (with P. Kalaitzidakis and T. Stengos), *European Economic Review*, 43(4-6), 1150-1168, 1999.
22. Spillovers from Publicly-Financed R&D Capital in High-Tech Industries, *International Journal of Industrial Organization*, 17(2), 215-239, 1999.
23. Public R&D Policies and Cost Behavior of the US Manufacturing Industries, (with M. I. Nadiri), *Journal of Public Economics*, 63, 57-81, 1996.

24. Effects of Public Infrastructure and R&D Capital on the Cost Structure and Performance of US Manufacturing Industries, (with M. I. Nadiri), *Review of Economics and Statistics*, 76 (1), 22-37, 1994.

Chapters in Books/Other Publications/Reports

1. *The Contribution of US R&D Expenditures to Canadian Productivity Growth* (with Jeff Bernstein), in J. I. Bernstein, G. Harris and A. Sharp ed., *Canada-U.S. Manufacturing Productivity*, McGill-Queen's University Press (forthcoming).
2. R&D Tax Incentives and Manufacturing-Sector R&D Expenditures, (with M. I. Nadiri), Chapter 3 in *Borderline Case: International Tax Policy, Corporate Research and Development, and Investment*, James M. Poterba (ed.), National Academy Press: Washington D.C., 1997.
3. *Infrastructures and Public R&D Investments and the Growth of Factor Productivity in US Manufacturing Industries* (with M. I. Nadiri) to be published in a collection of Essays in Honor of Professor Robert Eisner, Northwestern University.
4. Calculated the effect of tax policy on R&D, (with M. I. Nadiri), *Chemtech*, 28(9), 7-12, 1998.
5. Ranking of Economics Departments among Greek-Speaking Institutions, (with P. Kalaitzidakis and T. Stengos), *Ekonomia*, 3(1), 70-75, 1999.
6. Growth and Productivity of Cyprus Manufacturing Industries, 1977-1994, (with P. Pashardes), *Ekonomia*, 3(2), 37-48, 1999.
7. *The effect of Human Capital, Job Training and New Technologies on the Productivity of Cyprus Economy*, (with M. Eliofotou, P. Pashardes and N. Pasourtidou) Report Prepared for KEPA, Cyprus 2007.
8. *Labor Cost and the Competitiveness of Cyprus Industries*, (with E. Ketteni and M. Stefani), Report Prepared for SEK, Cyprus 2005.
9. *Investment in Research and Development and its effects on Cyprus Economic Growth*, (with E. Ketteni) Report Prepared for Research Promotion Foundation, Cyprus, 2003
10. *Rankings of Academic Journals and Institutions in Economics*, (P. Kalaitzidakis and T. Stengos) Report prepared for European Economic Association October 2001.
11. *The Competitiveness of the Cyprus Tourist Product*, (with P. Lyssiou and P. Pashardes) Report Prepared for Cyprus Tourist Organization, 1999.
12. *Contribution of Highway Capital to Output and Productivity Growth in the US Economy and Industries*, (with M. I. Nadiri), Report Prepared for the Federal Highway Administration Office of Policy Development, USA, August 1998, [<http://www.fhwa.dot.gov/policy/gro98cvt.htm>].
13. *The Competitiveness of the Manufacturing Sector in Cyprus*, (with P. Lyssiou and P. Pashardes) Report prepared for the Planning Bureau, Cyprus Government, July 1998.
14. *Productivity Analysis of the Tourist Sector*, (with P. Pashardes), Report prepared for the Cyprus Tourist Organization, December 1997.
15. *Contribution of Highway Capital and National Highway System to Industry and Aggregate Productivity Growth*, (with M. I. Nadiri), Report Prepared for the

Federal Highway Administration Office of Policy Development, USA, 1-128, January 1996.

Research in Progress

- The Contribution of Emissions to Productivity Growth, (with P. Kalaitzidakis and T. Stengos) *submitted for publication* .
- The contribution of Information Technology and Foreign Direct Investment to Economic Growth (with E. Ketteni and K. Kottaridi) *submitted for publication*
- Information Technology and Skilled Biased Technological Change (with E. Ketteni).
- Air Pollution, Spillovers and U.S. State Productivity Growth, (with N. Empora and T. Stengos).
- Environmental Kuznet's Curve: Theory and Existence (with T. Stengos)
- Smooth Semiparametric Estimation and Flexible Functional Forms, (with T. Stengos)

Working Papers

- The US Corporate Tax Structure and the Effects on Production, Cost and Efficiency, (with J. Bernstein) October 2001.
- Factor Adjustment, Quality Change, and Productivity Growth for US Manufacturing, NBER Working Paper No. 6877, January 1999.
- R&D Tax Policies and Spillover Effects of Public Funding on Private R&D Expenditures in Selected US Manufacturing Industries, (with M. I. Nadiri), July 1997.
- Public R&D Policies and Cost Behavior of the US Manufacturing Industries, (with M. I. Nadiri), NBER Working Paper No. 5059., Jun 1997
- Total Factor Productivity Growth and Intertemporal Dependence in Factor Demands, (with P. Pashardes), March 1996.
- Effects of Public Infrastructure and R&D Capital on the Cost Structure and Performance of US Manufacturing Industries, (with M. I. Nadiri), NBER Reprint No. 2138; NBER Working Paper No. 3887, September 1994
- Infrastructures and Public R&D Investments and the Growth of Factor Productivity in US Manufacturing Industries (with M. I. Nadiri), NBER Working Paper No. 4845, August 1994.

Research Grants

- FADNTOOL, Seventh Framework Program Theme KBBE.2010.1.4-02, European Union, 2011-2014.
- TEAMPEST, Second Framework Program Theme 2, European Union 2008-2011.
- COST Action IS0604: Science and Technology Research in a Knowledge based Economy 2007-2009.
- Federal Highway Administration Office of Policy Development, US Government, 2007-2009.
- Cyprus University Research Committee, 2007-2008.
- KEPA (with P. Pashardes), Cyprus, 2006-2007.
- SEK, Cyprus, 2004-2005
- Research Promotion Foundation (with E. Ketteni), Cyprus, 2001-2002.
- European Economic Association (with P. Kalaitzidakis and T. Stengos), 2000-2001.

- Federal Highway Administration Office of Policy Development, US Government, (with M. I. Nadiri), 1999-2000.
- Cyprus University Research Committee, (with P. Kalaitzidakis, P. Lyssioutou, M. Michael, and P. Pashardes), 1997-2000.
- Nuffield Foundation (with P. Demetriades), 1995-1996.
- Cyprus University Research Committee, (with M. Michael, and P. Pashardes), 1995-1997.
- Federal Highway Administration Office of Policy Development, US Government, (with M. I. Nadiri), 1994-1996.

Research Visits / Seminars

- University of Crete, Marie Curie Fellow, Nov. 25-Dec 1, 2007
- University of Maastricht, MERIT (Netherlands) November 23-25, 2004.
- University of Macedonia (Greece) November 14-17, 2003
- University of Guelph (Canada) July 17-20, 2003.
- New York University (USA) Summer 2003.
- University of Nottingham (UK), March 10, 2003.
- University of Crete (Greece) Feb. 25-26, 2003.
- University of Loughborough (UK) May 7, 2002.
- Athens University of Economics and Business (Greece), Oct. 10-12, 2001.
- University of Glasgow (Scotland), Feb. 15-17, 2001.
- HM Treasury Panel of Economic Advisors (England), Oct. 6, 2000.
- CERGE-EI, Charles University (Czech Republic), Feb. 12-15, 2000.
- Guelph University (Canada), Jan. 25-28, 2000.
- New York University (USA), Summer 1999, April 1999.
- New York University (USA), Summer 1996.
- Keele University (UK), March 1996.
- New York University (USA), Summer 1995, April 1995.

Conferences

- 125th Seminar of European Association of Agricultural Economists, MAICh, Chania, Crete, September 2010; Optimal Tax on Pesticide Use in Farm Production.
- 25th Annual Congress of the European Economic Association, Glasgow, August 2010; Air Pollution, Spillovers and US State Productivity Growth (poster).
- The Rimini Conference in Economics and Finance, Rimini, Italy, June 2010; Information and Communication Technology Capital and Foreign Direct Investment.
- A.S.E.T. Conference, Istanbul, Turkey October 2009; Information Technology and Skill Biased Technical Change.
- 62nd European Meeting of the Econometric Society, Budapest, Hungary, August 2007; The effects of ITC and Human Capital on Economic Growth.
- 61st European Meeting of the Econometric Society, Vienna, Austria, August 2006; Is the Financial Development and Economic Growth Relationship Nonlinear?
- 62nd Congress of the International Institute of Public Finance, Paphos, Cyprus, August 2006; Production, Consumption and Highway Infrastructure Capital.

- AS.S.E.T. Conference, Rethymnon, Crete, October 2005; a Dual Definition for the Factor Content of Trade and its Effect on Factor Rewards in US Manufacturing.
- International Conference in Memory of Zvi Griliches (1930-1999) on R&D, Education and Productivity, Carrèdes Scinces, Ministère de la Recherche, Paris, France, August 2003; Depreciation Estimation, R&D Capital Stock and North American Manufacturing Productivity Growth.
- AS.S.E.T. Conference, Paphos, Cyprus, October 2002; Member of Program Committee; Chair of Applied Econometrics Session.
- 57th European Meeting of the Econometric Society, Venice, Italy, August 2002; Economic Development and the Return to Human Capital: A Smooth Coefficient Semiparametric Approach.
- 6th International Conference on Macroeconomic Analysis and International Finance, Rethymno, Greece, May 2002; Economic Development and the Return to Human Capital.
- American Economic Association Annual Meeting, New Orleans, USA, Jan. 2001; the US Corporate Tax Structure and the Effects on Production, Cost and Efficiency.
- CSLS Conference on Canada-US Manufacturing Productivity Gap, Ottawa, Canada, January 2000; The Contribution of US R&D Expenditures to Canadian Productivity Growth.
- 14th Annual Congress of the European Economic Association, Santiago de Compostela, Spain, September 1999; Economic Development and the Return to Human Capital.
- NBER Summer Institute, Cambridge, MA, USA, July 1999; Factor Accumulation, Quality Change and Productivity Growth for US. Manufacturing.
- 53rd European Meeting of the Econometric Society, Berlin, Germany, August 1998; On the Sensitivity Analysis of Cross-Country Growth Regressions: A Semiparametric Approach.
- Symposium on Integration of Cyprus into the European Union, Nicosia, Cyprus, April 1998; Growth and Productivity of Cyprus Manufacturing Industries, 1977-1994.
- 12th Annual Congress of the European Economic Association, Toulouse, France, September 1997; Intertemporal Output and Employment Effects of Public Capital: Evidence from 12 OECD Economies.
- 52nd European Meeting of the Econometric Society, Toulouse, France, August 1997; Intertemporal Output and Employment Effects of Public Capital: Evidence from 12 OECD Economies.
- NBER Summer Institute, Cambridge, MA, USA, July 1997; R&D Tax Policies and Spillover Effects of Public Funding on Private R&D Expenditures in Selected US Manufacturing Industries.
- 51st European Meeting of the Econometric Society, Istanbul, Turkey, August 1996; Total Factor Productivity Growth and Intertemporal Dependence in Factor Demands.
- Western Economic Association International Conference Lake Tahoe, NV, USA, 1993; Public R&D Policies and Cost Behavior of the US Manufacturing Industries.
- NBER Summer Institute, Cambridge, MA, USA, July 1991; Effects of Public Infrastructure and R&D Capital on the Cost Structure and Performance of US.

Manufacturing Industries.

Teaching Experience

Courses Taught

- *University of Cyprus*, Economics Principles, Intermediate Microeconomics, Topics in Microeconomics, Productivity and Technological Change, Microeconomics Analysis I (Graduate), Applied Microeconomics Workshop (Graduate), Supervisor for several Undergraduate and Graduate Theses.
- *University of Leicester*, Calculus for Economists, Economics of Innovation, Multiple Regression Analysis, Analyzing Economic Problems, Applied Microeconometrics (Graduate), Microeconomics (Graduate), Supervisor and Advisor for several Undergraduate and Post-Graduate Theses
- *Adelphi University*, Introduction to Econometrics, Research Methods, Economics Principles.
- *Kean College of New Jersey*, Economics Principles.
- *New York University*, Economics Principles.

PhD Supervision

- PhD Supervisor for Neophyta Empora, Department of Economics, University of Cyprus
- PhD Supervisor for Elena Ketteni, Department of Economics, University of Cyprus (completed 2006).
- PhD Supervisor for Agelos Delis, Department of Economics, University of Leicester (2001-2004, completed)
- External PhD Examiner for Zeb Aurangzeb, Department of Economics, University of Guelph
- External PhD Examiner for Kostas Chatzimichael, Department of Economics, University of Crete.
- External PhD Examiner for Vasiliki Formousi, Department of Economics, University of Crete.
- External PhD Examiner for Hailin Liao, Department of Economics, Loughborough University.

University Service

- Vice-Chair of the Department of Economics, 2007 to present.
- Member of the School of Economics and Business Administration Council, 1997-1999, and 2005 to present.
- Chair and Member of various Departmental Committees from 1995 to present
- Member of the University Committee of Undergraduate Studies, 2007 to present
- Member of the University Committee of International Relations (ex-officio), 2009 to present.
- Member of the University Senate, 2005-2007, 2010 to present
- Chair of the University Students Disciplinary Committee, 2011 to present
- Chair of the University Committee of Student Affairs and Welfare, 2005-2007

- Vice-Chair of the University Committee of International Relations (ex-officio), 2005-2007
- Member of the University Committee of Post-Graduate Studies (ex-officio), 2005-2007
- Director of Research Program., University of Leicester, 2003-2004

Other Activities/Memberships

- Associate Editor for the *Journal of Productivity Analysis*
- Member of Academic Council, Economics Research Center, University of Cyprus, Cyprus
- Senior Fellow, Rimini Center for Economic Analysis, Rimini, Italy
- Referee for the *American Economic Review*, *Canadian Journal of Economics*, *Economic Inquiry*, *Economic Journal*, *Economica*, *Economics of Education Review*, *Ekonomia*, *Empirical Economics*, *Fiscal Studies*, *International Journal of Industrial Organization*, *Journal of Applied Economics*, *Journal of Economic Growth*, *Journal of Macroeconomics*, *Journal of Productivity Analysis*, *Journal of Public Economics*, *Oxford Bulletin of Economics and Statistics*, *Public Finance Review*, *Regional Science and Urban Economics*, *Research Policy*, *Review of Development Economics*, *Scottish Journal of Political Economy*, *Structural Change and Economic Dynamics*, and *The Manchester School*.
- Member of the Team of Experts of the Evaluation Committee of Private Universities, Ministry of Education, 2010.
- Member of Team of Experts of the Council of Educational Evaluation - Accreditation (SEKAP) for the fields Economics and Business Administration, Ministry of Education, 2005 to present
- Member of the Team of Experts of the Council for the Recognition of Higher Education Qualifications (CYSATS) for the fields Business Administration, Ministry of Education, 2006 to present.
- Member of American Economic Association, European Economic Association, and Cyprus Economic Society