

CURRICULUM VITAE

Giacomo PIGNATARO**Personal data**

Date and place of birth: 23 February 1963, Caltagirone
Current position: Full Professor of Public Finance, Department of Economics and Business of the University of Catania
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Education

1996 PhD, Economics, University of York (UK)
1989 MSc. Economics, University of York (UK)
1986 Msc Economics (Laurea in Economia e Commercio), University of Catania (Italy)

Grants and Fellowships

1997 Royal Economic Society Visiting Fellow, University of Warwick, UK
1996 United States Information Service Fellowship, *The Summer Institute in the US Economy and Public Policy*
1990 Italian National Research Council (CNR) grant
1987 “G. Mortara” scholarship, Bank of Italy
1986 “Francesco Ferrara” scholarship, Bank of Sicily
1986 “R. Toscano Scuderi” scholarship, University of Catania

Profession

2018 - 2021 Full Professor of Public Finance, Department of Management, Economics and Industrial Engineering and School of Management, Politecnico di Milano, Italy
2004 Visiting Professor, Center of Health and Social Care, London School of Economics, UK

- 2002 -** Full Professor of Public Finance, Department of Economics and Business, University of Catania, Italy
- 2000 - 2002** Associate Professor of Public Finance, School of Economics, University of Catania, Italy
- 1991 - 2000** Lecturer of Public Finance, School of Economics, University of Catania, Italy
- 1990-91** Research Fellow, Centre for Experimental Economics, University of York, UK
- 1989-90** *Ellis Hunter* Teaching Fellow, Department of Economics, University of York, UK

Management and institutional positions

- 2013 – 2016** Rector (Vice Chancellor) of the University of Catania – Chairman of the Regional Committee of the Sicilian Universities – Member of the Executive Committee of the Conference of the Italian Rectors (CRUI), with responsibility for the system of financing, accounting and budgets of Universities – Member of the Board of Governors of the Foundation of the Conference of the Italian Rectors
- 2009 - 2010** President of the School of Advanced Studies, University of Catania
- 2007 - 2009** President of the Monitoring Committee of the School of Advanced Studies, University of Catania
- 2005 - 2012** Member of the Board of Governors of the University of Catania
- 2000 - 2005** Member of the Management Committee of the School of Economics of the University of Catania
- 1998 - 2012** Member of the Evaluation Committee of the Teaching Hospital of the University of Catania (Chairman since 2007)
- 1996 - 2002** Member of the Scientific Commission for the evaluation of the research projects in the area of Economics and Statistics, University of Catania

Member of the selection committee for the position of full professor, associate professor and lecturer in different Universities

Member of the examining board for the admission and the final exam of PhD programs in different Universities (in Italy and abroad)

Member of the National Commission for the National Scientific Qualification for the positions of full professor and associate professor in Public Finance (2016-2018)

External professional activities

- 2005** Advisor for the Inter-American Development Bank on the project “Poverty in Urban Central Areas”
- 2001** Advisor for the Technical Commission on Public Expenditure (Commissione Tecnica della Spesa Pubblica), Italian Ministry of Economy and Finance, on the project “Analysis of the efficiency of teaching hospitals”
- 2000-03** Member of the research group of the Ministry of education project, Cluster C29 (Development plan of the scientific and technological network), on “Rehabilitation and valorization of the architectural heritage of Eastern Sicily: the architectural urban emergency and the rural building. Knowledge, interventions and training”
- 2000** Member of the Advisory group of the Sicilian regional government on “Cost-benefit analysis of the project for the rehabilitation of the submarine archeological heritage of Western Sicily, for the realization of archeological parks”
- 1998** Advisor for the Inter-American Development Bank on the project “The role of the public sector and the role of the bank in heritage conservation”
- 1993-96** Member of the Advisory group of the Sicilian regional government on the efficiency of regional public expenditures and local public services
- 1993** Member of the Advisory group of the Italian Ministry of Tourism and Culture on “Efficiency of the Italian opera theatres”

Appointments in Italian Ministerial offices

- 2017 -** Ministry of Economy and Finance – Scientific Committee of the Research Papers Series of the Department of Finance
- 2014 - 2019** Ministry of Education – Commission for the accrual accounting system of the Universities (Chairman since 2018)
- 2012** Ministry of Health – Strategic Committee for the project IT.DRG (development of a new system of measurement and economic valorization of the output of the hospital organizations)
- 2011 - 2014** Ministry of Economy and Finance – Member of the Center for the management of the project “Development of the capabilities and functions of the regional and local governments in the prespective of fiscal federalism”
- 2010** Ministry of Economy and Finance – National Committee for the accounting principles of public administrations
- 2010 - 2011** Ministry of Education – Working group for the implementation of the accrual accounting system of Universities

Other appointments

- 2008 – 2013** Member of the Board of Governors of “Istituto per Ciechi Ardizzone Gioeni di Catania”
- 1998 – 2002** Chairman of the Evaluation Committee of the Municipality of Paternò
- 1999** President of the company Agenzia Sviluppo Simeto Etna (a public local development agency)
- 1994** Member of the Board of Governors of the company Interporto Catania (a public freight company)

TEACHING ACTIVITY

Bachelor and Master classes

Health Economics (2000/01 – 2016-17; 2021/22 -) - University of Catania

Advanced Public Finance (2006/07, 2011/12 – 2012-2013; 2021/22 -) - University of Catania

Economics and Performance of the Healthcare Sector (2021/22 –) – Politecnico di Milano

Economics and Performance Measurement of Health Care Systems (2018/19 – 2020/21) – Politecnico di Milano

Microeconomics (2018/19 – 2019/2020) – Politecnico di Milano

Public Policies (2012/13) – University of Catania

Economics and Regulation of Markets (2009/10 – 2010/11) - University of Catania

Economics of Markets Regulation (2005/06 – 2008/09) - University of Catania

Industrial Organization (2004/05 – 2008/09) - University of Catania

Health Economics and Law (2000/01 – 2002/03) - University of Catania

Public Economics (1999/00) - University of Catania

Industrial Economics (1997/98 – 2003/04) - University of Catania

Public Finance (1995/96- 1996/97; 2002/03- 2003/04) - University of Catania

Postgraduate and executive courses

Director of the following courses at the School of Advanced Studies of the University of Catania:

- Management of Healthcare Organizations, 2003-2004 and 2004-2005
- Economics and Management of Healthcare Organizations, 2005-2006

Director of the Executive managerial course for the position of head of a hospital department, Local Health Authority of Siracusa, 2 editions, 2005 and 2006

Director of the Executive managerial course for the position of head of a hospital department, Teaching hospital of the University of Catania, 2 editions, 2012

Director of the PhD program in Public Economics, University of Catania

Lecturer in several executive seminars for the personnel of healthcare organizations

SCIENTIFIC ACTIVITY

Research interests

Measurement of performance and efficiency (hospitals, museums and other cultural institutions), Public procurement, Financing mechanisms of hospitals, Local public finance, Regulation, Health Economics, Cultural Economics, Cost-benefit analysis

Publications

“Identification of spatial regimes of the production function of Italian hospitals through spatially constrained cluster-wise regression” (with R. Benedetti and F. Vidoli), *Socio-Economic Planning Sciences*, 101223, 2022

“Economies of scale and scope of universities - towards bigger size and specialization?” (with T. Agasisti and A. Bertolotti), *Economics Bulletin*, 41(2), 405-416, 2021

“A note on the trade-off between waiting times and quality in a constrained hospital market” (with D. Lisi), *Health Economics*, 30(1), 180-185, 2021

“L’evoluzione della Scienza delle finanze dall’osservatorio della Commissione ASN 2016-2018” (with B. Bises and E. Papagni), *Rivista di diritto finanziario e scienza delle finanze*, LXXIX(4), 363-424, 2020

“Is innovation in ICT valuable for the efficiency of Italian museums?” (with C. Guccio, M. Martorana, I. Mazza and I. Rizzo), *European Planning Studies*, 2020

“Identification of spatially constrained homogenous clusters of COVID-19 transmission in Italy” (with R. Benedetti, F. Piersimoni and F. Vidoli), *Regional Science Policy and Practice*, 12(6), 1169-1187, 2020

“An analysis of the managerial performance of Italian museums using a generalized conditional efficiency model” (with C. Guccio, M. Martorana, I. Mazza and I. Rizzo), *Socio-Economic Planning Sciences*, 72, 100891, 2020

“An assessment of the performance of Italian public historical archives: Preservation vs utilization” (with C. Guccio, M. Martorana, I. Mazza and I. Rizzo), *Journal of Policy Modeling*, 42(6), 1270-1286, 2020

“Conservation of historical buildings: the rehabilitation of the Benedettini Monastery in Catania” (with I. Rizzo), in T. Bille, A. Mignosa, R. Towse (eds), *Teaching Cultural Economics*, Edward Elgar, 275-281, 2020

“Spatial heterogeneity in non-parametric efficiency: An application to Italian hospitals” (with M. Auteri, C. Guccio, F. Pammolli and F. Vidoli), *Social Sciences and Medicine*, 239, 112544, 2019

“An assessment of the efficiency of decentralization in the execution of public works” (with C. Guccio and I. Rizzo), in M. Kunizaki, K. Nakamura, K. Sugahara, M. Yanagihara (eds), *Advances in Local Public Economics. Theoretical and Empirical Studies*, Springer, 175-193, 2019

“Does the extent of per case payment system affect hospital efficiency? Evidence from the Italian NHS” (with M. Cavalieri, C. Guccio and D. Lisi), *Public Finance Review*, 46 (1), 117-149, 2018

“Is competition able to counteract the inefficiency of corruption? The case of Italian public works” (with M. Finocchiaro Castro, C. Guccio and I. Rizzo), *Economia e Politica Industriale. Journal of Industrial and Business Economics*, 45(1), 55-84, 2018

“Readmission and hospital quality under different payment regimes” (with C. Guccio and D. Lisi), *FinanzArchiv*, 72 (4), 453-474, 2016

“Linking the price of cancer drug treatments to their clinical value” (with L. Gozzo, A. Navarra, V. Drago, L. Longo, S. Mansueto, A. Cicchetti, S. Salomone and F. Drago), *Clinical Drug Investigation*, 36 (7), 579-589, 2016

“Response to letter to the editor by Dr Garattini” (with A. Navarra, V. Drago, L. Gozzo, L. Longo, S. Mansueto, and F. Drago), *Value in Health*, 19 (4), 510, 2016

“Voluntary provision of public goods and technology” (with E. Giardina, I. Mazza and I. Rizzo), *International Advances in Economic Research*, 22 (3), 321-332, 2016

“On giving economic advice” in I. Rizzo and R. Towse (eds), *The Artful Economist*, Springer, 267-271, 2016

“Do the current performance-based schemes in Italy really work? "Success fee": A novel measure for cost-containment of drug expenditure” (with A. Navarra, V. Drago, L. Gozzo, L. Longo, S. Mansueto and F. Drago), *Value In Health*, 18 (1), 131-136, 2015

“Decentralization and public works procurement in Italy” (with C. Guccio and I. Rizzo), *L'Industria*, 35 (4), 671-696, 2014

“Do local governments do it better? Analysis of time performance in the execution of public works” (with C. Guccio and I. Rizzo), *European Journal Of Political Economy*, 34, 237-252, 2014

“Evaluating the efficiency of public procurement contracts for cultural heritage conservation works in Italy” (with C. Guccio and I. Rizzo), *Journal of Cultural Economics*, 38 (1), 43-70, 2014

“Financial incentives and inappropriateness in health care: Evidence from Italian cesarean sections” (with M. Cavalieri, C. Guccio and D. Lisi), *FinanzArchiv*, 70 (3), 430-457, 2014

“The effects of reimbursement mechanisms on medical technology diffusion in the hospital sector in the Italian NHS” (with M. Finocchiaro Castro, C. Guccio and I. Rizzo), *Health Policy*, 115 (2), 215-229, 2014

“Measuring the efficient management of public works contracts: a non-parametric approach” (with C. Guccio and I. Rizzo), *Journal of Public Procurement*, 12 (4), 528-546, 2012

“Determinants of adaptation costs in procurement: an empirical estimation on Italian public works contracts” (with C. Guccio and I. Rizzo), *Applied Economics*, 44 (15), 1891-1909, 2012

“Performance indicators” in Towse, R. (ed) *Handbook of Cultural Economics*, 2nd edition, Edward Elgar, Aldershot, 332-338, 2011

“Selezione dei fornitori e incentivi alla rinegoziazione in contratti incompleti: rilevanza empirica nel settore dei lavori pubblici” (with C. Guccio and I. Rizzo), *Rivista Italiana degli Economisti*, 14 (2), 311-344, 2009

Economia del capitale umano, (with A. Petretto, eds), Franco Angeli, Milano, 2008

“Efficiency of procurement procedures for medical devices” (with C. Guccio and I. Rizzo), in Piga G., Thai K. V. *The Economics of Public Procurement*, Palgrave - Macmillan Publishers, 133-156, 2007

“Efficiency of procurement procedures for medical devices” (with C. Guccio and I. Rizzo), in *Rivista di Politica Economica*, 96 (I-II), 135-158, 2006

“Valutazione della performance e struttura organizzativa dei musei” in Mignosa, M., Rizzo, I. (eds) *Tutela e valorizzazione dei beni culturali in Sicilia*, Franco Angeli, Milano, 154-176, 2005.

“Chi contratta con gli erogatori delle prestazioni sanitarie?” in Guccio, C., Pignataro, G., Rizzo, I. (eds) *Finanziamento e valutazione dei servizi ospedalieri*, Franco Angeli, Milano, 2005.

Finanziamento e valutazione dei servizi ospedalieri, (with C. Guccio and I. Rizzo, eds), Franco Angeli, Milano, 2005

“Performance indicators” in Towse, R. (ed) *Handbook of Cultural Economics*, Edward Elgar, Aldershot, 366-372, 2003.

“Measuring the efficiency of museums: a case study in Sicily”, in Rizzo, I., Towse, R. (eds) *The Economics of Heritage: A Study in the Political Economy of Culture in Sicily*, Edward Elgar, Aldershot, 65-78, 2002.

“Efficienza e caratteristiche dell’attività assistenziale degli ospedali di insegnamento in Italia” (with C. Guccio), *Politiche Sanitarie*, 3, 129-146, 2002.

“Analisi dell’efficienza dei musei” (with R. Zanola), in Valentino P., Mossetto G. (eds), *Museo contro museo: le strategie, gli strumenti e i risultati*, Giunti, Firenze, 139-152, 2001.

“Firms, Unions and Regulators” in Marrelli M., Pignataro G. (eds) *Public Decision Making Processes and Asymmetry of Information*, Kluwer Academic Publishers, Dordrecht, 89-107, 2001.

Public Decision Making Processes and Asymmetry of Information, (with M. Marrelli) (eds), Kluwer Academic Publishers, Dordrecht, 2001.

“Pubblico e privato nell’offerta di servizi ospedalieri in Italia” (with V. Guardabasso and I. Rizzo), *Politiche Sanitarie*, 2 (3), 133-148, 2001.

“Organizzazione dell’assistenza ospedaliera: analisi dell’efficienza delle aziende ospedaliere e dei presidi ospedalieri” (with A. Giuffrida and F. Lapecorella), *Economia Pubblica*, 4, 101-124, 2000.

“Competition and Efficiency in Health Care: An Analysis of the Italian Case” (with R. Cellini and I. Rizzo), *International Tax and Public Finance*, 7 (4-5), 503-519, 2000.

“Istituzione e divisione dei poteri nella regolamentazione delle imprese” in Giannini, S., Osculati, F. (eds) *Risanamento e Sviluppo*, F. Angeli, Milano, 301-319, 1998.

"The Political Economy of Rehabilitation: The Case of the Benedettini Monastery" (with Ilde Rizzo) in Hutter, M. and Rizzo, I. (eds), *Economic Perspectives of Cultural Heritage*, McMillan, London, 91-106, 1997.

"Imperfect information and cultural goods: producers' and consumers' inertia" in Peacock, A. and Rizzo, I. (eds), *Cultural Economics and Cultural Policies*, Kluwer Academic Publishers, Dordrecht, 55-68, 1994.

"The role of analysts in the public investment decision-making process" in Williams, A. and Giardina, E. (eds), *Efficiency in the Public Sector. The theory and practice of cost-benefit analysis*, Edward Elgar, Aldershot, 1993.

Papers submitted for publication/under revision

"Hospital quality competition for patients and doctors: a "two-sided" approach" (with M. Pezzino)

"Health expenditure in Italy: a comprehensive intergovernmental model" (with F. Pammolli, F. Porcelli and F. Vidoli)

"Incorporating quality in the efficiency assessment of hospitals using a generalized directional distance function approach" (with C. Guccio, D. Lisi and M. Martorana)

Other papers

"Mediterranean symposium in thoracic surgery: opening lectures", *Future Oncology*, 11 (2s), 5-9, 2015

"Does the Extent of Per-Case Payment System Affect Hospital Efficiency? Evidence from the Italian NHS" (with M. Cavalieri, C. Guccio and D. Lisi), HEDG Working Paper, University of York, WP 15/29, 1-45, ISSN: 1751-1976, 2015

"Il federalismo fiscale nelle regioni a statuto ordinario e nelle regioni a statuto speciale", in UPI-SPPAL, *Analisi di alcune funzioni fondamentali delle province per l'individuazione del fabbisogno standard - Rapporto della ricerca sull'attuazione del federalismo fiscale nelle Province* (UPI e SSPAL), 26-43, 2010

"The performance of local government in the execution of public works" (with C. Guccio and I. Rizzo), MPRA Paper No. 16094, 2009

"Adaptation Costs in Public Works Procurement in Italy" (with C. Guccio and I. Rizzo), in Khi Thai (ed), *Enhancing best practices in public procurement - 3rd international public procurement conference proceedings*. Amsterdam: IPPC, 899-923, ISBN: 0-9668864-2-9, 2008.

"Competition in the health care market: a "two-sided" approach" (with M. Pezzino), DEMQ Working Paper, Università di Catania, 2008

"Efficiency of procurement procedures for medical equipment" (with C. Guccio and I. Rizzo), *The European Journal Of Health Economics*, 7 (suppl. 1), S41, 2006

"An analysis of the interregional variations in the public-private mix of hospital services in Italy" (with I. Rizzo), DEMQ Working Paper, 4/05, Università di Catania, 2005

“Analisi degli effetti della regolamentazione degli ospedali tramite vincoli di appropriatezza” (with C. Guccio), DEMQ Working paper, Università di Catania, 2002

“Patients' choice and quality of care in teaching hospitals” (with C. Guccio), *The European Journal Of Health Economics*, 3 (suppl. 1), S72, 2002

“Molteplicità delle Autorità indipendenti ed efficienza dei processi decisionali pubblici” (with I. Mazza), DEMQ Working paper, Università di Catania, 2001

“Analisi dell’efficienza tecnica e di scala dei servizi ospedalieri” (with A. Giuffrida and F. Lapecorella), Quaderno n. 39 del Dipartimento di Scienze economiche e finanziarie "G. Prato", Università di Torino, 1999

“Efficiency of health care production in different hierarchically structured hospitals” (with A. Giuffrida and F. Lapecorella) CHE Technical Paper 14, University of York, 1999

“Regulation of a Monopolist with an Imperfectly Competitive Labour Market”, University of York Discussion Papers in Economics, 95/28, 1995

“Optimal Regulation of a Monopolist with Collusive Agents”, University of York Discussion Papers in Economics, 95/29, 1995

Prizes

Second best paper at the 5th International Public Procurement Conference (Seattle 2012): “Measuring the efficient management of public works contracts: a non-parametric approach” (with C. Guccio and I. Rizzo),

Coordination of national and international research projects

“*Efficiency and productivity of healthcare services*”, research project financed by the Sicilian Region, Cap. 77504, 1998.

“*Evaluation of the clinical activity of the medical schools and experimentation of a financing mechanism*”, research projects financed by the Italian Ministry of Health, 2000

“*The quality of hospitals as perceived by physicians*”, research commissioned by the Association of Physicians of Catania, 2001.

“*Analysis of the efficiency of teaching hospitals*”, research commissioned by the Technical Commission for Public Expenditure of the Italian Ministry of Economy and Finance, 2001.

“*Analysis of the competitive and regulatory scenario of the pharmacy sector in Italy*”, research commissioned by the Association of Pharmacists of Catania, 2006

“*Analysis of the adoption of medical technologies: role of physicians and government tools*”, research project financed by the Ministry of Education program Prin 2007

“*InterQuality - International Research Project on Financing Quality in Healthcare*” – research project financed by the EU 7th Framework Program - HEALTH.2010.3.2-1

Membership of scientific associations

Italian Health Economics Association (AIES): President (2011-2014)
 Vicepresident (2008-2011)
 Member of the Board (2005-2008)

European Health Economics Association: Founder and member of the Interim Executive Committee
 (2013-2014)

Association for Cultural Economics International
 Health Economists Study Group
 International Health Economics Association
 Royal Economic Society
 Italian Public Economics Association (SIEP) : Member of the Board (2007-2009)

Reviewer

Referee for *Health economics, European Journal of Health Economics, European Journal of Political Economy, International Journal of Public Health, International Journal of Environmental Research and Public Health, BMC Health Services Research, Journal of Cultural Economics, Politiche Sanitarie*

Reviewer of research projects EU 7th Framework Program, Swiss National Science Foundation, Italian Ministry of Education FIRB programs

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