

# CURRICULUM VITAE

## IRENE NIKI PAPANICOLAS

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## **CURRICULUM VITAE**

**Irene Niki Papanicolas**

### **PERSONAL INFORMATION**

Address: Department of Health Services, Policy and Practice  
Brown School of Public Health  
Providence, RI  
United States

E-mail: irene.papanicolas@brown.edu

### **EDUCATION**

2003 B.Sc. Economics  
University College London  
2004 M.Sc. Public Policy  
University College London  
2006 M.Sc. Comparative Social Policy  
University of Oxford, Green College  
2011 Ph.D. in Social Policy (Health Economics)  
London School of Economics

### **ACADEMIC APPOINTMENTS**

2011 - 2017 Assistant Professor of Health Economics, Department of Social Policy, London School of Economics  
2017 - 2018 Assistant Professor of Health Economics, Department of Health Policy, London School of Economics  
2018 - 2022 Associate Professor of Health Economics, Department of Health Policy, London School of Economics  
2022 - Professor of Health Services, Policy and Practice, Department of Health Services, Policy and Practice, Brown School of Public Health, Brown University

### **OTHER APPOINTMENTS**

2010 - 2014 Visiting Lecturer, École des Hautes Études en Santé Publique  
2012 - 2013 Visiting Researcher, The Nuffield Trust  
2012 - 2017 Codirector, Executive M.Sc. Health Economics, Policy and Management, Department of Social Policy, London School of Economics  
2015 - 2016 Harkness Fellow, Department of Health Policy and Management, Harvard T.H. Chan School of Public Health, Harvard University  
2016 - 2018 Visiting Assistant Professor, Department of Health Policy and Management, Harvard T.H. Chan School of Public Health, Harvard University  
2017 - Director, Executive M.Sc. Health Economics, Policy and Management,

2018 - Department of Health Policy, London School of Economics  
 Visiting Scientist, Department of Health Policy and Management, Harvard T.H.  
 Chan School of Public Health, Harvard University

### **HONORS AND AWARDS**

2005 - 2006 Graduate Merit Award, London School of Economics  
 2006 - 2010 1+3 Studentship, UK Economic and Social Research Council  
 2007 - 2010 Brian-Abel Smith Studentship in Health Economics  
 2012 - 2013 London School of Economics Student Union Teaching Award  
 2015 - 2016 Harkness Fellowship in Healthcare Policy and Practice, The Commonwealth Fund  
 2018 Best Abstract of Global Health Submissions, Academy Health Annual Research  
 Meeting  
 2019 Best Abstract of Academy Health (Top 8 of 3,000 submissions), Academy Health  
 2019  
 2019 Health Affairs Top 10 articles of 2019  
 2020 JAMA Editor's Picks 2010-2020 Top 10 articles of the Decade

### **DEPARTMENT, CENTER, OR UNIVERSITY SERVICE**

2011 - 2021 Member of the Health Teaching Cluster (now Department of Health Policy  
 Teaching Committee)  
 2012 -2021 Member of the LSE Executive MSc Management Board  
 2012 - 2021 Director, Executive MSc Health Economics, Policy and Management  
 2019 - 2020 Deputy Research and Excellence Framework Coordinator, Department of Health  
 Policy  
 2019 - Academic Member of the LSE Information Governance Management Board  
 2020 - Executive Masters Exam Board Chair

### **NATIONAL OR INTERNATIONAL SERVICE**

2008 - 2010 WHO European Region, Working group on the development of regional  
 frameworks for Health System Performance Assessment  
 2012 - 2013 Qatar Supreme Health Council, Working group advising DRG development  
 2012 - 2013 The Nuffield Trust, Working group on 'Ratings Review' commissioned by the  
 U.K. Secretary of State for Health, Jeremy Hunt  
 2013 Canadian Institute for Health Informatics, Development of Canadian Performance  
 Assessment Frameworks for Health Service and Long Term Care  
 2013 - 2014 Canadian Institute of Health Information, Canadian Institute of Health Information  
 Expert Advisory Group to support curriculum development for Health System  
 Performance School  
 2013 - 2014 WHO European Region, Advisor to Health Care Access for the Vulnerable in  
 Greece  
 2018 National Academies of Sciences Engineering and Medicine, Consultant on the  
 2018 report "Crossing the Global Quality Chasm: Improving Health Care  
 Worldwide"

2019 - 2022	WHO 2030 UHC, Developer of the WHO Health Systems Performance Assessment Framework
2020 - 2021	The Commonwealth Fund, Member of the Advisory Board for the 2021 Mirror Mirror Report
2020 - 2022	ARAPAHO (Research Activity and Patient Outcomes in General Practice) NIHR Funded Research Project, Member of the Advisory Board
2020 - 2022	APPEAL (Assessing Primary Care Performance in Luxembourg), Member of the Scientific Steering Committee
2023 - 2024	The Commonwealth Fund, Member of the Advisory Board for the 2024 Mirror Mirror Report
2023	National Academies of Sciences Engineering and Medicine, Consultant on the 2018 report “Improving the Health and Wellbeing of Children and Youth through Health Care System Transformation”
2023	OECD – Health Foundation, Member of the Technical Advisory Board for Health System Performance
2022 -	European Observatory on Health Systems and Policies, Senior Expert Advisor
2022 -	The Commonwealth Fund, Member of the Commonwealth Fund International Research Advisory Committee
2022 -	External Examiner to MSc Health Analysis, Management and Policy, University of Strathclyde, Glasgow

### **Grant Application Review Boards**

2018	Medical Research Council, Ad hoc reviewer
2018	Paris Institute for Advanced Study, Ad hoc reviewer
2021	National Institute for Health Research. Policy Research Program, Ad hoc reviewer
2022	Economic and Social Research Council, Ad hoc reviewer
2023	The Commonwealth Fund, Ad hoc reviewer
2023	Health Foundation, Ad hoc reviewer

### **Editorial Responsibilities**

2014	Guest Editor for Special Issue, <i>Health Policy</i>
2014 - 2017	Managing Editor, <i>Health Policy</i>
2017 -	Associate Editor, <i>Health Policy</i>
2023 - 2024	Guest Editor for Special Issue, <i>WHO Bulletin</i>
2024 -	Editorial Board, <i>Health Affairs Scholar</i>

### **Journal Manuscript Reviewer**

*Applied Economics, BMC Health Services Research, British Medical Journal, BMJ Quality and Safety, Bulletin of the World Health Organization, European Journal of Health Economics, Health Affairs, Health Economics, Health Economics, Policy and Law, Journal of Epidemiology and Community Health, Journal of Health Economics, JAMA, JAMA IM, Health Policy, Health Policy and Planning, Health Services Research, New England Journal*

*of Medicine, PLOS ONE, Social Science and Medicine, SSM Population Health, the Lancet, Value in Health*

## PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Wordsworth S, Buchanan J, **Papanicolas I**, Taylor J, Frayling I, Tomlinson I. Molecular testing for somatic mutations in common cancers: the views of UK oncologists. *J Clin Pathol*. 2008 Jun;61(6):761-5. doi: 10.1136/jcp.2007.054510.
2. Wordsworth S, **Papanicolas I**, Buchanan J, Frayling I, Taylor J, Tomlinson I. Molecular testing for somatic cancer mutations: a survey of current and future testing in UK laboratories. *J Clin Pathol*. 2008 Mar;61(3):373-6. doi: 10.1136/jcp.2007.048819.
3. Gray AM, **Papanicolas I**. Impact of symptoms on quality of life before and after diagnosis of coeliac disease: results from a UK population survey. *BMC Health Serv Res*. 2010 Apr 27;10:105. doi: 10.1186/1472-6963-10-105.
4. Kentikelenis A, Karanikolos M, **Papanicolas I**, Basu S, McKee M, Stuckler D. Health effects of financial crisis: omens of a Greek tragedy. *Lancet*. 2011 Oct 22;378(9801):1457-8. doi: 10.1016/S0140-6736(11)61556-0.
5. Violato M, Gray A, **Papanicolas I**, Ouellet M. Resource use and costs associated with coeliac disease before and after diagnosis in 3,646 cases: results of a UK primary care database analysis. *PLoS One*. 2012;7(7):e41308. doi: 10.1371/journal.pone.0041308.
6. Kentikelenis A, **Papanicolas I**. Economic crisis, austerity and the Greek public health system. *Eur J Public Health*. 2012 Feb;22(1):4-5. doi: 10.1093/eurpub/ckr190.
7. **Papanicolas I**, Cylus J, Smith PC. An analysis of survey data from eleven countries finds that 'satisfaction' with health system performance means many things. *Health Aff (Millwood)*. 2013 Apr;32(4):734-42. doi: 10.1377/hlthaff.2012.1338.
8. Cylus J, **Papanicolas I**, Constantinou E, Theodorou M. Moving forward: lessons for Cyprus as it implements its health insurance scheme. *Health Policy*. 2013 Apr;110(1):1-5. doi: 10.1016/j.healthpol.2012.12.007.
9. **Papanicolas I**, Kringos D, Klazinga NS, Smith PC. Health system performance comparison: new directions in research and policy. *Health Policy*. 2013 Sep;112(1-2):1-3. doi: 10.1016/j.healthpol.2013.07.018.
10. Cylus J, **Papanicolas I**. An analysis of perceived access to health care in Europe: How universal is universal coverage? *Health Policy*. 2015 Sep;119(9):1133-44. doi: 10.1016/j.healthpol.2015.07.004.
11. **Papanicolas I**, McGuire A. Do financial incentives trump clinical guidance? Hip Replacement in England and Scotland. *J Health Econ*. 2015 Dec;44:25-36. doi: 10.1016/j.jhealeco.2015.08.001.
12. **Papanicolas I**, McGuire A. Measuring and forecasting quality in English hospitals. *Journal of the Royal Statistical Society: Series A (Statistics in Society)*. 2017 Feb;180(2):409-32.
13. Cylus J, **Papanicolas I**, Smith, PC. Using data envelopment analysis to address the challenges of comparing health system efficiency. *Global Policy*, 8, 60-68. doi: 10.1111/1758-5899.12212.
14. **Papanicolas I**, Figueroa JF, Orav EJ, Jha AK. Patient Hospital Experience Improved Modestly, But No Evidence Medicare Incentives Promoted Meaningful Gains. *Health Aff (Millwood)*. 2017 Jan 1;36(1):133-140. doi: 10.1377/hlthaff.2016.0808.

15. Mehtsun WT, **Papanicolas I**, Zheng J, Orav EJ, Lillemoe KD, Jha AK. National Trends in Readmission Following Inpatient Surgery in the Hospital Readmissions Reduction Program Era. *Ann Surg*. 2018 Apr;267(4):599-605. doi: 10.1097/SLA.0000000000002350.
16. **Papanicolas I**, Jha AK. Challenges in International Comparison of Health Care Systems. *JAMA*. 2017 Aug 8;318(6):515-516. doi: 10.1001/jama.2017.9392.
17. **Papanicolas I**, Woskie LR, Jha AK. Health Care Spending in the United States and Other High-Income Countries. *JAMA*. 2018 Mar 13;319(10):1024-1039. doi: 10.1001/jama.2018.1150.
18. **Papanicolas I**, Figueroa JF. Preventable harm: getting the measure right. *BMJ*. 2019 Jul 17;366:l4611. doi: 10.1136/bmj.l4611.
19. **Papanicolas I**, Woskie LR, Orlander D, Orav EJ, Jha AK. The Relationship Between Health Spending And Social Spending In High-Income Countries: How Does The US Compare? *Health Aff (Millwood)*. 2019 Sep;38(9):1567-1575. doi: 10.1377/hlthaff.2018.05187.
20. Lagarde M, Huicho L, **Papanicolas I**. Motivating provision of high quality care: it is not all about the money. *BMJ*. 2019 Sep 23;366:l5210. doi: 10.1136/bmj.l5210.
21. **Papanicolas I**, Mossialos E, Gundersen A, Woskie L, Jha AK. Performance of UK National Health Service compared with other high income countries: observational study. *BMJ*. 2019 Nov 27;367:l6326. doi: 10.1136/bmj.l6326.
22. Macarayan E, **Papanicolas I**, Jha A. The quality of malaria care in 25 low-income and middle-income countries. *BMJ Glob Health*. 2020 Feb 11;5(2):e002023. doi: 10.1136/bmjgh-2019-002023.
23. **Papanicolas I**, Orav EJ, Jha AK. Is mortality readmissions bias a concern for readmission rates under the Hospital Readmissions Reduction Program? *Health Serv Res*. 2020 Apr;55(2):249-258. doi: 10.1111/1475-6773.13268.
24. **Papanicolas I**, Marino A, Lorenzoni L, Jha A. Comparison of Health Care Spending by Age in 8 High-Income Countries. *JAMA Netw Open*. 2020 Aug 3;3(8):e2014688. doi: 10.1001/jamanetworkopen.2020.14688.
25. Figueroa JF, Wadhwa RK, **Papanicolas I**, Riley K, Zheng J, Orav EJ, Jha AK. Association of Nursing Home Ratings on Health Inspections, Quality of Care, and Nurse Staffing With COVID-19 Cases. *JAMA*. 2020 Sep 15;324(11):1103-1105. doi: 10.1001/jama.2020.14709.
26. Maynou L, Mehtsun WT, Serra-Sastre V, **Papanicolas I**. Patterns of adoption of robotic radical prostatectomy in the United States and England. *Health Serv Res*. 2021 Dec;56 Suppl 3(Suppl 3):1441-1461. doi: 10.1111/1475-6773.13706.
27. **Papanicolas I**, Figueroa JF, Riley K, Abiona O, Arvin M, Atsma F, Bernal-Delgado E, Bowden N, Blankart CR, Deeny S, Estupiñán-Romero F, Gauld R, Haywood P, Janlov N, Knight H, Lorenzoni L, Marino A, Or Z, Penneau A, Shatrov K, van de Galien O, van Gool K, Wodchis W, Jha AK. International comparison of health spending and utilization among people with complex multimorbidity. *Health Serv Res*. 2021 Dec;56 Suppl 3(Suppl 3):1317-1334. doi: 10.1111/1475-6773.13708.
28. **Papanicolas I**, Figueroa JF, Schoenfeld AJ, Riley K, Abiona O, Arvin M, Atsma F, Bernal-Delgado E, Bowden N, Blankart CR, Deeny S, Estupiñán-Romero F, Gauld R, Haywood P, Janlov N, Knight H, Lorenzoni L, Marino A, Or Z, Penneau A, Shatrov K, Stafford M, van de Galien O, van Gool K, Wodchis W, Jha AK. Differences in health care spending and utilization among older frail adults in high-income countries: ICCONIC hip fracture persona. *Health Serv Res*. 2021 Dec;56 Suppl 3(Suppl 3):1335-1346. doi: 10.1111/1475-6773.13739.

29. **Papanicolas I**, Riley K, Abiona O, Arvin M, Atsma F, Bernal-Delgado E, Bowden N, Blankart CR, Deeny S, Estupiñán-Romero F, Gauld R, Haywood P, Janlov N, Knight H, Lorenzoni L, Marino A, Or Z, Penneau A, Schoenfeld AJ, Shatrov K, Stafford M, van de Galien O, van Gool K, Wodchis W, Jha AK, Figueroa JF. Differences in health outcomes for high-need high-cost patients across high-income countries. *Health Serv Res.* 2021 Dec;56 Suppl 3(Suppl 3):1347-1357. doi: 10.1111/1475-6773.13735.
30. Figueroa JF, Horneffer KE, Riley K, Abiona O, Arvin M, Atsma F, Bernal-Delgado E, Blankart CR, Bowden N, Deeny S, Estupiñán-Romero F, Gauld R, Hansen TM, Haywood P, Janlov N, Knight H, Lorenzoni L, Marino A, Or Z, Pellet L, Orlander D, Penneau A, Schoenfeld AJ, Shatrov K, Skudal KE, Stafford M, van de Galien O, van Gool K, Wodchis WP, Tanke M, Jha AK, **Papanicolas I**. A methodology for identifying high-need, high-cost patient personas for international comparisons. *Health Serv Res.* 2021 Dec;56 Suppl 3(Suppl 3):1302-1316. doi: 10.1111/1475-6773.13890.
31. Blankart CR, van Gool K, **Papanicolas I**, Bernal-Delgado E, Bowden N, Estupiñán-Romero F, Gauld R, Knight H, Abiona O, Riley K, Schoenfeld AJ, Shatrov K, Wodchis WP, Figueroa JF; ICCONIC Collaboration. International comparison of spending and utilization at the end of life for hip fracture patients. *Health Serv Res.* 2021 Dec;56 Suppl 3(Suppl 3):1370-1382. doi: 10.1111/1475-6773.13734.
32. Or Z, Shatrov K, Penneau A, Wodchis W, Abiona O, Blankart CR, Bowden N, Bernal-Delgado E, Knight H, Lorenzoni L, Marino A, **Papanicolas I**, Riley K, Pellet L, Estupiñán-Romero F, van Gool K, Figueroa JF. Within and across country variations in treatment of patients with heart failure and diabetes. *Health Serv Res.* 2021 Dec;56 Suppl 3(Suppl 3):1358-1369. doi: 10.1111/1475-6773.13854.
33. Wodchis WP, Or Z, Blankart CR, Atsma F, Janlov N, Bai YQ, Penneau A, Arvin M, Knight H, Riley K, Figueroa JF, **Papanicolas I**. An international comparison of long-term care trajectories and spending following hip fracture. *Health Serv Res.* 2021 Dec;56 Suppl 3(Suppl 3):1383-1393. doi: 10.1111/1475-6773.13864.
34. **Papanicolas I**, Figueroa JF. International comparison of patient care trajectories: Insights from the ICCONIC project. *Health Serv Res.* 2021;56 Suppl 3(Suppl 3):1295-1298. doi:10.1111/1475-6773.13887
35. Lorenzoni L, Marino A, Or Z, Blankart CR, Shatrov K, Janlov N, Wodchis WP, Or Z, Figueroa JF, Bowden N, Bernal-Delgado E, **Papanicolas I**. Why the US spends more treating high-need high-cost patients: a comparative study of pricing and utilization of care in six high-income countries. *Health Policy.* 2023;128:55-61. <https://doi.org/10.1016/j.healthpol.2022.12.004>
36. Moin S, Vigod S, Plumtre L, Troke N, **Papanicolas I**, Wodchis W, Anderson G. Utilization of physician mental health services by mothers with young children during the COVID-19 pandemic: a population-based, repeated cross-sectional study. *CMAJ Open (Accepted)*
37. Rigby S, Nacer H, Field S, Cylus J, **Papanicolas I**, Mckee M. Does inflation threaten the NHS (and what can policymakers do about it)? *BMJ.* 2023 <https://doi.org/10.1136/bmj-2023-075144>
38. Moin S, Vigod S, Plumtre L, Troke N, Asaria M, **Papanicolas I**, Wodchis W, Brail S, Anderson G. Sex differences Among Children, Adolescents, and Young Adults for Mental Health Service Use Within In-patient and Outpatient Settings, Before and During the COVID-19 Pandemic: A Population-based Study in Ontario, Canada. *BMJ Open (Accepted)*

39. **Papanicolas, I.** International comparisons expose the UK's poor performance on health. *BMJ*. 2023 <https://doi.org/10.1136/bmj.p1613>
40. Moin JS, Vigod SN, Plumptre L, Troke N, **Papanicolas I**, Wodchis WP, Anderson G. Utilization of physician mental health services by birthing parents with young children during the COVID-19 pandemic: a population-based, repeated cross-sectional study. *CMAJ Open*. 2023 Nov 28;11(6):E1093-E1101. doi: 10.9778/cmajo.20220239.
41. Lagarde M, **Papanicolas I**, Stacey N. The demand for private telehealth services in low-and middle-income countries: evidence from South Africa. *Social Science & Medicine*. 2024 Jan 8:116570.
42. Wouters OJ, Naci H, **Papanicolas I**. Availability and Coverage of New Drugs in 6 High-Income Countries With Health Technology Assessment Bodies. *JAMA Intern Med*. 2024 Jan 29. doi: 10.1001/jamainternmed.2023.7726
43. Machado S, Perez B, **Papanicolas I**. The role of race and ethnicity in health care crowdfunding: an exploratory analysis, *Health Affairs Scholar*, 2024 March 2:3
44. **Papanicolas I**, Cylus J, Lorenzoni L. Cross country comparisons in health price growth over time. *Health Services Research*. 2024 Feb 13.
45. Skopec L, Berenson R, Simon B, **Papanicolas I**. Variation in processes of care for total hip arthroplasty across high-income countries. *Health Affairs Scholar*. 2024 April.
46. Wouters OJ, Naci H, **Papanicolas I**. Health Technology Assessment in the US – A Word Of Caution - Reply. *JAMA Intern Med*. 2024 April.
47. Ledesma JR, **Papanicolas I**, Soto MA, Chrysanthopoulou SA, Isaac CR, Lurie MN and Nuzzo JB. Pandemic preparedness improves national-level SARS-CoV-2 infection and mortality data completeness: a cross-country ecologic analysis. *Population Health Metrics*. 2024 June.

## BOOKS AND BOOK CHAPTERS

1. Smith PC, Mossialos E, **Papanicolas I**, Leatherman S, eds (2010) Performance measurement for health system improvement: experiences, challenges and prospects *Health economics, policy and management* . Cambridge University Press, Cambridge, UK. ISBN 9780521116763
2. Smith PC, Mossialos E, **Papanicolas I**, (2011) Performance measurement for health system improvement: Experiences, challenges and prospects. in Figueras J, Mckee M and Menabde, N. (eds) *Health systems, health and wealth: Assessing the case for investing in health systems*. Open University Press: Maidenhead.
3. **Papanicolas I**, (2012) Performance management In McGuire AJ, Costa-Font J. (eds) *Edward Elgar Companion to Health Policy*. London: Edward Elgar.
4. **Papanicolas I**, Smith PC, (2014) Health system performance comparison: an agenda for policy, information and research. European Observatory on Health Systems and Policies: London. Open University Press: Maidenhead.
5. Hernandez-Quevedo C, **Papanicolas I**, (2014) Conceptualizing and Comparing Equity across nations' in Papanicolas I, Smith PC. (eds.) *Health system performance comparison: an agenda for policy, information and research*. European Observatory on Health Systems and Policies: London. Open University Press: Maidenhead.
6. **Papanicolas I**, Smith, PC, (2014) Health system performance comparison In Papanicolas I and Smith PC. (eds.) *Health system performance comparison: an agenda for policy,*



information and research. European Observatory on Health Systems and Policies: London. Open University Press: Maidenhead.

7. **Papanicolas I**, (2014) Health systems: Frameworks for analysis In Papanicolas I and Smith PC. (eds.) Health system performance comparison: an agenda for policy, information and research. European Observatory on Health Systems and Policies: London. Open University Press: Maidenhead.
8. **Papanicolas I**, Smith PC, (2014) Theory of system level efficiency in health care In: Culyer AJ, (ed.) Encyclopedia of health economics. Elsevier, Philadelphia, USA, 386-394. ISBN 9780123756787
9. **Papanicolas I**, Cylus J, (2015) Comparison of healthcare systems performance In: Kuhlmann E, Blank RH, Bourgeault IL, Wendt C, (eds.) The Palgrave International Handbook of Healthcare Policy and Governance. Palgrave Macmillan, Basingstoke, UK, 116-134. ISBN 9781137384928
10. Cylus J, **Papanicolas I**, Smith PC, eds (2016) Health system efficiency: how to make measurement matter for policy and management Health Policy Series, 46. European Observatory on Health Systems and Policies, Brussels, Belgium. ISBN 9789289050418
11. Cylus J, **Papanicolas I**, Smith PC, (2016) A framework for thinking about health system efficiency In: Cylus J, Papanicolas I, Smith PC, (eds.) Health system efficiency: How to make measurement matter for policy and management. Health Policy Series, 46. European Observatory on Health Systems and Policies, Brussels, Belgium, 1-20. ISBN 9789289050418
12. **Papanicolas I**, Rajan D, Karanikolos M, Soucat A, Figueras J, & World Health Organization. (2022). Health system performance assessment: a framework for policy analysis. WHO Press
13. Barnard, M, Smith PC, **Papanicolas I**. Provider power and healthcare systems. Handbook on the Political Economy of Health Systems.
14. **Papanicolas I**, Marino A. (2024). International Comparisons: Who has the best health system in the World? Handbook for Health Policy. Edward Elgar.

## OTHER NON-PEER REVIEWED PUBLICATIONS

1. Masseria C, Allin S, Sorenson C, **Papanicolas I**, Mossialos E, (2007) What are the methodological issues related to measuring health and drawing comparisons across countries? European Commission, Brussels, Belgium.
2. Allin S, Masseria C, Sorenson C, **Papanicolas I**, Mossialos E, (2007) Measuring inequalities in access to health care: a review of the indices? European Commission, Brussels, Belgium.
3. Smith PC, Mossialos E, **Papanicolas I**, (2008) Performance measurement for health system improvement: experiences, challenges and prospects Background document, 2. World Health Organization , Copenhagen, Denmark.
4. **Papanicolas I**, Smith PC, Mossialos E, (2008) Principles of performance measurement *Euro Observer*, 10 (1). 1-5. ISSN 1020-7481
5. **Papanicolas I**, Smith PC, (2010) Towards a common framework for health system performance assessment World Health Organization Europe, Copenhagen, Denmark.
6. Smith PC, **Papanicolas I**, (2012) Policy Summary 4: Health system performance comparison: An agenda for policy, information and research. European Observatory for Health Systems and Policies.

7. Dixon J, Bardsley M, Churchill E, Davies A, Bains W, Dayan M, and **Papanicolas I**, (2013) Rating providers for quality: a policy worth pursuing? The Nuffield Trust
8. **Papanicolas I**, (2014) A hospital performance framework for Canada Canadian Institute for Health Informatics
9. **Papanicolas I**, (2014) A performance framework for Long Term Care Services in Canada Canadian Institute for Health Informatics
10. Papanicolas I, (2014) Adapting the Canadian Health System Framework to health care organizations Canadian Institute for Health Informatics
11. **Papanicolas I**, Smith PC, (2015) The role of practitioner motivation in designing provider payment reforms and other incentives. Policy Brief prepared for the 2015 Commonwealth Fund International Symposium
12. Cylus J, **Papanicolas I**, Smith PC, (2017) How to make sense of health system efficiency comparisons? OBS Policy Brief, Richardson, Erica, ed World Health Organization, Copenhagen, Denmark.
13. Rajan D, **Papanicolas I**, Karanikolos M, Kock K, Roher-Herold K, Figueras J. (2022) Health System Performance Assessment: A Primer for Policymakers OBS Policy Brief, World Health Organization, Copenhagen, Denmark.
14. Rajan D, **Papanicolas I**, Karanikolos M, Kock K, Roher-Herold K, Rechel B, Greenley R, Lessof S, Figueras J. (2022) Health System Performance Assessment: A renewed global framework for policy-making OBS Policy Brief, World Health Organization, Copenhagen, Denmark.

## INVITED PRESENTATIONS

### National

1. Irene Papanicolas. *Differences in Healthcare Utilization and Costs: Lessons from International Comparisons*. Optum Labs Research and Translation Forum. Boston, MA. Nov, 2019.
2. Irene Papanicolas. *What can the US can learn about health system spending from international comparisons*. TEDMED, Palm Springs, CA. Nov, 2018
3. Irene Papanicolas. *What can the US can learn from health comparisons*. Mount Sini Health Policy Program. New York, NY. Feb, 2022
4. Irene Papanicolas. *What can other nations teach the US about efficient healthcare?* Oregon Health Forum. Portland, Oregon. April, 2023
5. Irene Papanicolas. *Learning from health care practice across countries*. American Association of Family Practitioners Board of Directors Thought Leadership Series. Virtual. May, 2024

### International

1. Irene Papanicolas. *Strategy driven Health System Performance Assessment*. Fifth European Meeting of WHO National Counterparts on Health Statistics and Information. Antalya, Turkey Dec, 2009.

2. Irene Papanicolas. *Frameworks for Performance Assessment*. WHO Technical Experts Meeting on Health System Performance Assessment. Barcelona, Spain. Jan, 2010.
3. Irene Papanicolas, Alistair McGuire. *The Effect of Payment by Results on the activity and quality of Hospitals*. London Health Economics Group. London, UK. November, 2010.
4. Irene Papanicolas. *Payment by Results (PbR) and Quality in the English NHS*. The Cyprus Healthcare Conference. Nicosia, Cyprus. Feb, 2012.
5. Irene Papanicolas. *International Comparative Analysis*. Health System Performance Assessment for Health Governance. Bilthoven, Netherlands. Feb, 2012.
6. Irene Papanicolas. *The effect of Payment by Results on hospital activity*. Imperial College Health Management Group Seminar. London, UK. Oct 2012.
7. Irene Papanicolas. *Mechanisms of provider payment*. Healthcare Services Funding Workshop, Doha. Qatar, Jan, 2013.
8. Irene Papanicolas. *International comparisons of health system performance –what factors influence individuals opinions of a nation’s health system?* Health Economics Research Centre Seminar. Oxford, UK. Feb, 2013.
9. Irene Papanicolas. *Payment by Results and quality of care*. Centre for Health Service Economics & Organization, NHS. London, UK. Nov, 2013.
10. Irene Papanicolas. *High Users of Health Care*. CIHI Canadian Forum on High Users. Toronto, Canada. March, 2014.
11. Irene Papanicolas. *Do Financial Incentives Trump clinical guidance?* Office of Health Economics. London, UK. April, 2015.
12. Irene Papanicolas. *What can we learn from online surveys of patient experience?* Office of Health Economics. London, UK. March, 2018.
13. Irene Papanicolas. *What we can learn from performance measurement*. Norwegian Consultants Association, Oslo, Norway. Sept 2018.
14. Irene Papanicolas. *Quantifying the health burden of substandard and falsified medicines*. Harvard Global Health Institute and the Brazzaville Foundation workshop on substandard and falsified medicines. London, UK. March 2018
15. Irene Papanicolas. *The global burden of unsafe care*. World Health Organization. Geneva, Switzerland. May, 2018.
16. Irene Papanicolas. *Global Approaches to Readmission Reduction: Lessons from other countries*. King’s College London event: Big data and healthcare quality. London, UK. June, 2019.
17. Irene Papanicolas. *Health System Comparisons: Lessons from the International High Need High Cost Collaborative*. OECD Health Care Quality and Outcomes (HCQO) Biennial meeting. Paris, France. June, 2019.
18. Irene Papanicolas. *Challenges in Health System Performance Measurement*. Elsevier Publishing Group. London, UK. March, 2020.
19. Irene Papanicolas, Jose Figueroa. *The ICCONIC project: Lessons for Integrated Care*. OECD Integrated Care Group Biennial Meeting. Paris, France. Feb, 2022.
20. Irene Papanicolas. *What can the NHS Learn from International Comparisons*. Health Foundation, London, UK. June, 2022
21. Irene Papanicolas. *International Comparisons of High-Need Patient’s care trajectories: Insights from the ICCONIC Project*. NHS Professionals, London, UK. June, 2022
22. Irene Papanicolas. *Health Systems Resilience Assessment Frameworks* ACCESS Health International, Kolkata, India, June 2022

23. Irene Papanicolas. *Health system performance assessment: a framework for policy analysis*. World Health Organization, Geneva, Switzerland. June, 2022
24. Irene Papanicolas. *Lessons from the International Collaborative on Costs, Outcomes and Needs in Care*. NHS Professionals: Doctors Direct Webinar. London, England. June, 2022.
25. Irene Papanicolas. *International Health System Responses and Recovery – New Comparative Analysis on Performance?* Health Foundation Webinar. London, England. July, 2022.
26. Irene Papanicolas. *How can we assess the performance of our health systems to inform policymaking?* European Observatory on Health Systems and Policies webinar. November, 2022
27. Irene Papanicolas. *Health system performance assessment: A framework for policy analysis*. Tecnológico de Monterrey. Benito Juárez, Mexico. November, 2022.
28. Irene Papanicolas. *The impact of public financial management on health outcomes: what does the evidence say?* Discussant. International Health Economics Association (IHEA) Conferences. Cape Town, South Africa. July, 2023.

## OTHER PRESENTATIONS

### National

1. Irene Papanicolas. *Cost-containment efforts in the UK*. Academy Health. Seattle, WA. June 2011.
2. Irene Papanicolas. *Changes in care or changes in coding? Examining the unintended consequences of the federal pay-for-performance programs*. American Society for Health Economics. Philadelphia, PA. June 2016.
3. Irene Papanicolas, Jose Figueroa, Ashish Jha. *Changes in care or changes in coding? Examining the unintended consequences of the federal pay-for-performance programs*. Poster presented at Academy Health Annual Research Meeting. Boston, USA. June, 2016.
4. Irene Papanicolas, Jose Figueroa, Ashish Jha. *Readmission Trends in Critical Access Hospitals*. Academy Health Annual Research Meeting. New Orleans, LA. June, 2017.
5. Irene Papanicolas, E John Orav, Ashish Jha. *Influence of Mortality on Hospital Readmissions: How much variation in hospital readmission rates can be explained by variations in mortality?* Conference of the International Health Economics Association. Boston, MA. July, 2017.
6. Irene Papanicolas, Jon Cylus, Peter C Smith. *Making sense of health system efficiency measurement: An analytic framework for researchers and decision-makers*. Conference of the International Health Economics Association. Boston, MA. July, 2017.
7. Irene Papanicolas, Liana R Woskie, Ashish Jha. *Global Inpatient Mortality for Acute Myocardial Infarction, Stroke, and Pneumonia*. Poster presented at Academy Health Annual Research Meeting. Boston, MA. June, 2017.
8. Irene Papanicolas, Liana R Woskie, Ashish Jha. *Healthcare Utilization in the U.S. and Comparisons to Other High Income Countries: Implications for Health Spending*. Poster presented at Academy Health Annual Research Meeting. Boston, MA. June, 2017.

9. Irene Papanicolas, Liana R Woskie, Ashish Jha. *Influence of Mortality on Hospital Readmissions: How much variation in hospital readmission rates can be explained by variations in mortality?* Poster presented at Academy Health Annual Research Meeting. Boston, MA. June, 2017.
10. Irene Papanicolas. *What Explains Higher Spending in the US: Prices, Utilization or Intensity?* Academy Health Annual Research Meeting. Seattle, WA. June, 2018.
11. Irene Papanicolas, Liana Woskie. *Global Approaches to Readmission Reduction: Lessons from Other Countries?* Academy Health Annual Research Meeting. Seattle, WA. June, 2018.
12. Irene Papanicolas, Liana Woskie, Duncan Orlander, Ashish Jha. *The relationship between health spending and social spending in high-income countries: How does the U.S. compare?* Academy Health Annual Research Meeting. Seattle, WA. June, 2019.
13. Irene Papanicolas. *Health system performance assessment: a framework for policy analysis.* Technical Working Group UHC 2030, World Health Organization, Geneva, Switzerland (online). June, 2020.
14. Irene Papanicolas. *Resilience: What is it and what does it mean for Health Systems Performance.* Technical Working Group UHC 2030, World Health Organization, Geneva, Switzerland (online). June, 2020.
15. Irene Papanicolas, Jose Figueroa, Jennifer Dixon, David Blumenthal. *International Comparisons of High-Need Patient's care trajectories: Insights from the ICCONIC Project.* Harvard T.H. Chan, London School of Economics, Commonwealth Fund and Health Foundation Joint Webinar. Nov. 2021
16. Irene Papanicolas. *Lessons from Abroad: What can other nations teach Oregon about better health care?* (Virtual). April, 2023
17. Irene Papanicolas. *Availability and Prices of New Drugs: How does the U.S. Compare to other High-Income Countries?* Academy Health Annual Research Meeting, Seattle, WA, USA. June, 2023.
18. Irene Papanicolas. *Care Delivery Across Countries: Examining Childhood Vaccination, Hip Replacement and Maternal Health.* Harkness Fellow Orientation. The Commonwealth Fund, New York, USA. Sept, 2023
19. Irene Papanicolas. *State of Applied AI in Biomedicine and Healthcare.* International International Summit for AI in Health Care. Washington D.C. Sept, 2023

### **International**

1. Irene Papanicolas, Alistair McGuire. *Measuring the quality of English NHS acute trusts.* Health Economics Study Group. London, UK. November, 2010.
2. Irene Papanicolas, Alistair McGuire. *Payment by results and quality in the English NHS.* European Conference of Health Economics. Helsinki, Finland. June, 2010.
3. Irene Papanicolas, Andrea Schmidt. *Measuring quality of hospitals: A comparison of Austria and England.* European Conference of Health Economics. Zurich, Switzerland. July, 2012.
4. Irene Papanicolas. *Efficiency measurement for management.* International Health Economics Association. Dublin, Ireland. July, 2014.

5. Irene Papanicolas, Alistair McGuire. *Variations in Hip Replacement in England and Scotland*. Wennberg International Collaborative. London, UK. Sept, 2015.
6. Irene Papanicolas, Alistair McGuire. *Do Financial Incentives Trump Clinical Guidance*. Australian Health Economics Society. Adelaide, Australia. Sept, 2014.
7. Irene Papanicolas, Alistair McGuire. *Do Financial Incentives Trump Clinical Guidance*. Royal Economics Society. Manchester, UK. March, 2015.
8. Irene Papanicolas, Dimitrios Korres. *Understanding Variation in Patient Satisfaction Ratings*. London, UK. Sept, 2015.
9. Irene Papanicolas. *Variations of spending on care across countries: the role of prices. Lessons from the International High Need High Cost Collaborative*. Conference of the International Health Economics Association. Basel, Switzerland. July, 2019.
10. Irene Papanicolas. *Invited Panel on the performance of the French Health system. Les Universites de Pharmaceutiques 2021*. Paris-Saclay, France. September 2021.
11. Irene Papanicolas. *Health System (Performance) Assessment – how to stop Performance from drifting away?* Health Services Research 2020. Dubai, UAE. February, 2021
12. Irene Papanicolas. *Health systems performance in practice – making the links between what we do and what we want to achieve*. European Public Health Conference (EUPHA) Dublin, Ireland. July, 2021.
13. Irene Papanicolas. *How to assess health systems performance: A focus on conceptual links between health system functions and overall system goals*. Seventh Global Symposium on Health Systems Research. Bogota, Columbia. November, 2022.
14. Irene Papanicolas. *Health Systems Performance Assessment for Policy: Uses and Abuses*. European Public Health Conference (EUPHA) Berlin, Germany. November, 2022.
15. Irene Papanicolas. *Availability and Prices of New Drugs: How does the U.S. Compare to other High-Income Countries?* International Health Economics Association (IHEA) Conferences. Cape Town, South Africa. July, 2023.

## GRANTS

### Current Grants

1. Irene Papanicolas. Principal Investigator. The Health Foundation: “National, subnational, and facility-level trends in hospitalizations and healthcare resiliency throughout the COVID-19 pandemic: an international comparison of 14 countries, 2015–2024 ”. February 2024 – September 2025. \$432,088 USD.
2. Irene Papanicolas. Principal Investigator. National Institute of Aging. PrEDICT ADRD: Predicting the Effects of Diagnosis in Individuals across Countries and Time in ADRD. July 2024-June 2029. \$4,024,197 USD.
3. Irene Papanicolas. Principal Investigator. The Commonwealth Fund: “Technical Assistance for International Data Analysis”. June 2024 – May 2025. \$99,575 USD.
4. Irene Papanicolas. Co-Investigator. AWARE Advance Warning and Response Exemplars. The Wellcome Trust. January 2023 – December 2024. \$1,219,084 USD.

### **Grants Under Review**

1. Irene Papanicolas. Principal Investigator. NIA. Health System Design and its Impact on the Health-Wealth Relationship for Older Adults with cardiovascular disease (CVD), Cancer, and Alzheimer's disease and related dementias (ADRD). Sept 2024-Aug 2029.

### **Completed Grants**

1. Irene Papanicolas. LSE STICERD: “Perceptions of health needs and health care access: what is their impact on precautionary savings and macroeconomic growth?” September 2011 – June 2012. £4,800.
2. Cristian Herrera. Co-Investigator. British Council Newton Picarte Institutional Skills Fund: “Capacity building for measuring health system performance in Chile”. January 2015.December 2016. £25,000.
3. Ashish Jha. Co-Investigator. The Commonwealth Fund: “Managing High Need High Cost Patients: An International Perspective”. January 2020 - June 2020. \$370,000.
4. Ashish Jha. Co-Investigator. The Commonwealth Fund: “Managing High-Need, High Cost Patients: An International Perspective Phase 2”. January 2020 - June 2020. \$434,617.
5. Mylene Lagarde. Co-Investigator. LSE Internal Call – Covid 19: “The COVID-19 crisis in divided societies: an international survey to explore the actual and perceived consequences in India, South Africa and Brazil.” May 2020 - November 2020. £18,500
6. Mylene Lagarde. Co-Investigator. LSE Internal Call, Shaping the post-Covid world : “The future of healthcare services in South Africa? Exploring the determinants of the demand for telehealth in primary care” April 2021 - September 2021. £19,925
7. Irene Papanicolas. The Commonwealth Fund: “Producing insights for International Health Policy and Practice Innovations”. December 2021 – November 2022. \$149,990.
8. Irene Papanicolas. The Health Foundation: “Phase 2 of the International Collaborative on Costs, Outcomes and Needs in Care (ICCONIC) programme”. April 2020 – June 2020. £250,000.
9. Geoffrey Anderson. Co-Investigator. Canadian Institutes of Health Research: “Understanding the Wider Health and Equity Impacts of Public Health COVID-19 Mitigation Strategies” (W12-179943). April 2022 – May 2024. \$496,175.35 CAD.

### **UNIVERSITY TEACHING AND MENTORING ROLES**

2010 - 2011	Instructor	Introduction to Health Economics (SA408), London School of Economics, Graduate
2010 - 2011	Instructor	Financing Health Care (SA407), London School of Economics, Graduate
2010 - 2011	Instructor	Measuring Health System Performance, Modular (SA4G6), London School of Economics, Graduate
2010 - 2011	Instructor	Measuring Health System Performance (SA4D4), London School of Economics, Graduate
2011 - 2012	Instructor	Introduction to Health Economics (SA408), London School of Economics, Graduate
2011 - 2012	Instructor	Financing Health Care (SA407), London School of Economics, Graduate
2011 - 2012	Instructor	Measuring Health System Performance, Modular (SA4G6), London School of Economics, Graduate
2011 - 2012	Instructor	Measuring Health System Performance (SA4D4), London School of Economics, Graduate
2013 - 2014	Instructor	Financing Health Care (SA407), London School of Economics, Graduate
2013 - 2014	Instructor	Measuring Health System Performance, Modular (SA4G6), London School of Economics, Graduate
2013 - 2014	Instructor	Measuring Health System Performance (SA4D4), London School of Economics, Graduate
2014 - 2015	Instructor	Financing Health Care (SA407), London School of Economics, Graduate
2014 - 2015	Instructor	Measuring Health System Performance, Modular (SA4G6), London School of Economics, Graduate
2014 - 2015	Instructor	Measuring Health System Performance (SA4D4), London School of Economics, Graduate
2015 - 2016	Instructor	Measuring Health System Performance, Modular (SA4G6), London School of Economics, Graduate
2016 - 2017	Instructor	Measuring Health System Performance (SA4D4), London School of Economics, Graduate
2016 - 2017	Instructor	Measuring Health System Performance, Modular (SA4G6), London School of Economics, Graduate
2017 - 2018	Instructor	Measuring Health System Performance, Modular (HP4A3E), London School of Economics, Graduate
2018 - 2019	Instructor	Measuring Health System Performance, (HP402), London School of Economics, Graduate
2018 - 2019	Instructor	Measuring Health System Performance, Modular (HP4A3E), London School of Economics, Graduate
2019 - 2020	Instructor	Advanced Health Policy and Health Economics (HP500), London School of Economics, Graduate
2019 - 2020	Instructor	Measuring Health System Performance, (HP402), London School of Economics, Graduate



2019 - 2020	Instructor	Measuring Health System Performance, Modular (HP4A3E), London School of Economics, Graduate
2020 - 2021	Instructor	Analysing Health Systems: Lessons from COVID-19, London School of Economics, Online course
2021 - 2022	Instructor	Methods and Data for Health Systems Performance (HP434), London School of Economics, Graduate
2021 - 2022	Instructor	Measuring Health System Performance, (HP402), London School of Economics, Graduate
2021 - 2022	Instructor	Measuring Health System Performance, Modular (HP4A3E), London School of Economics, Graduate
2011 - 2012	Guest Lecture	Master's in Public Health: Core Module. École des Hautes Études en Santé Publique, Paris, France. Graduate
2012	Guest Lecturer	Summer School. European Observatory of Health Systems and Policies. Venice, Italy. Executive
2011 - 2012	Guest Lecture	Master's in Public Health: Core Module. École des Hautes Études en Santé Publique, Paris, France. Graduate
2012 - 2013	Guest Lecture	Master's in Public Health: Core Module. École des Hautes Études en Santé Publique, Paris, France. Graduate
2014 -2015	Guest Lecture	Global Health, Cambridge University Cambridge Institute for Public Health, University of Cambridge School of Clinical Medicine, Cambridge, UK. Graduate
2013 - 2014	Guest Lecture	Global Health, Cambridge University Cambridge Institute for Public Health, University of Cambridge School of Clinical Medicine, Cambridge, UK. Graduate
2017 - 2018	Guest Lecture	Brigham and Women's Medical Residents Health Policy Course, Boston, MA. Graduate
2018 - 2019	Guest Lecture	Brigham and Women's Medical Residents Health Policy Course, Boston, MA. Graduate
2021 - 2022	Guest Lecture	HP505: Health Care Delivery in the US. Harvard T.H. Chan School of Public Health, Boston, MA. Graduate
2022	Thesis Advisor	PhD Thesis, Health Policy, London School of Economics Liana Rosenkratz Woskie
2022	Thesis Advisor	PhD Thesis, Health Policy, London School of Economics Anna-Maria Fontrier
2023	Thesis Advisor	PhD Thesis, Health Policy, London School of Economics Nicholas Stacey
2023	Thesis Advisor	PhD Thesis, Health Policy, London School of Economics Iva Paravanova
2024	Thesis Advisor	PhD Thesis, Health Policy, London School of Economics Heather Brooke Scoles
2024	Thesis Advisor	PhD Committee Member, Department of Epidemiology, Brown School of Public Health

2024	Thesis Advisor	Jorge Ledesma PhD Committee Member, Department of Health Services Policy and Practice, Brown School of Public Health
2025	Thesis Advisor	Emily O'Neill PhD Thesis, Health Policy, London School of Economics Alberto Marino