

CURRICULUM VITAE

ODD RUNE STRAUME

JUNE 2020

CONTACT INFORMATION

Postal address Department of Economics
School of Economics and Management
University of Minho
Campus de Gualtar
4710-057 Braga
Portugal

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Website <https://sites.google.com/site/oddrunestraume/>

PERSONAL INFORMATION

Date of birth 17.08.1971

Place of birth Voss, Norway

Citizenship Norwegian

Family status Married – two children (b. 2011 and 2014)

ACADEMIC DEGREES

2008 Provas de Agregação (equivalent to Habilitation) in Economics, University of Minho

2002 Dr. Polit. (equivalent to PhD) in Economics, University of Bergen

1998 Cand. Polit. (equivalent to MA) in Economics, University of Bergen

1995 Cand. Mag. (equivalent to BA) in Social Science, University of Bergen

ACADEMIC POSITIONS

Current position

2019 – Professor, Department of Economics, University of Minho

Previous positions

2008 – 2019 Associate Professor with Habilitation, Department of Economics, University of Minho

2007 – 2008 Associate Professor, Department of Economics, University of Minho

2006 – 2007 Assistant Professor, Department of Economics, University of Minho

2004 – 2006 Research Fellow, Stein Rokkan Centre for Social Studies, University of Bergen

2002 – 2004 Research Fellow, SNF and Department of Economics, University of Bergen

1998 – 2002 Research Fellow, Department of Economics, University of Bergen

1997 – 1998 Research Assistant, Centre for Social Science Research, University of Bergen

Other affiliations (past and present)

2012 – Adjunct Professor, Department of Economics, University of Bergen

2012 – Research Associate, Bergen Center for Competition Law and Economics (BECCLE)

2009 – Research Fellow, CESifo, Munich

2006 –	Member of Centre for Research in Economics and Management (NIPE), University of Minho
2008 – 2010	Adjunct Associate Professor, Department of Economics, University of Bergen
2004 – 2011	Research Associate, Health Economics Bergen (HEB)
2004 – 2009	Research Affiliate, CESifo, Munich

MAIN RESEARCH FIELDS

- Industrial Organization
- Health Economics
- Labour Economics

PUBLICATIONS

International journal articles (with peer review)

61. "Hospital competition under pay-for-performance: quality, mortality and readmissions" (with Domenico Lisi and Luigi Siciliani). *Journal of Economics & Management Strategy*, 29, 289-314, 2020.
60. "How does the type of remuneration affect physician behaviour? Fixed salary versus fee-for-service" (with Kurt R. Brekke, Tor Helge Holmås and Karin Monstad). *American Journal of Health Economics*, 6, 104-138, 2020.
59. "Dynamic hospital competition under rationing by waiting times" (with Luís Sá and Luigi Siciliani). *Journal of Health Economics*, 66, 260-282, 2019.
58. "Competition and physician behaviour: does the competitive environment affect the propensity to issue sickness certificates?" (with Kurt R. Brekke, Tor Helge Holmås and Karin Monstad). *Journal of Health Economics*, 66, 117-135, 2019.
57. "Competition and equity in health care markets" (with Luigi Siciliani). *Journal of Health Economics*, 64, 1-14, 2019.
56. "A dynamic model of quality competition with endogenous prices" (with Roberto Cellini and Luigi Siciliani). *Journal of Economic Dynamics & Control*, 94, 190-206, 2018.
55. "Can competition reduce quality?" (with Kurt R. Brekke and Luigi Siciliani). *Journal of Institutional and Theoretical Economics*, 174, 421-447, 2018.
54. "Foreign acquisition and internal organization" (with Paulo Bastos and Natália P. Monteiro). *Journal of International Economics*, 114, 143-163, 2018.
53. "Employment protection and unemployment benefits: on technology adoption and job creation in a matching model" (with Kjell Erik Lommerud and Steinar Vagstad). *Scandinavian Journal of Economics*, 120, 763-793, 2018.
52. "Are cooperatives more productive than investor-owned firms? Cross-industry evidence from Portugal" (with Natália P. Monteiro). *Annals of Public and Cooperative Economics*, 89, 377-414, 2018. [Selected by the journal as *Editor's Choice Article*]
51. "Socio-economic status and physicians' treatment decisions" (with Kurt R. Brekke, Tor Helge Holmås and Karin Monstad). *Health Economics*, 27, e77-e89, 2018.
50. "Horizontal mergers and product quality" (with Kurt R. Brekke and Luigi Siciliani). *Canadian Journal of Economics*, 50, 1063-1103, 2017.
49. "Do treatment decisions depend on physicians' financial incentives?" (with Kurt R. Brekke, Tor Helge Holmås and Karin Monstad). *Journal of Public Economics*, 155, 74-92, 2017.
48. "Hospital mergers with regulated prices" (with Kurt R. Brekke and Luigi Siciliani). *Scandinavian Journal of Economics*, 119, 597-627, 2017.
47. "Competition policy for health care provision in Norway" (with Kurt R. Brekke). *Health Policy*, 121, 134-140, 2017.

46. "Patient mobility and health care quality when regions and patients differ in income" (with Kurt R. Brekke, Rosella Levaggi and Luigi Siciliani), *Journal of Health Economics*, 50, 372-387, 2016.
45. "Reference pricing with endogenous generic entry" (with Kurt R. Brekke and Chiara Canta), *Journal of Health Economics*, 50, 312-329, 2016.
44. "Preschool education in Brazil: does public supply crowd out private enrollment?" (with Paulo Bastos), *World Development*, 78, 496-510, 2016.
43. "Price regulation and parallel imports of pharmaceuticals" (with Kurt R. Brekke and Tor Helge Holmås), *Journal of Public Economics*, 129, 92-105, 2015.
42. "Hospital competition with soft budgets" (with Kurt R. Brekke and Luigi Siciliani), *Scandinavian Journal of Economics*, 117, 1019-1048, 2015.
41. "Mommy tracks and public policy: on self-fulfilling prophecies and gender gaps in hiring and promotion" (with Kjell Erik Lommerud and Steinar Vagstad), *Journal of Economic Behavior & Organization*, 116, 540-554, 2015.
40. "The effect of private versus public ownership on labour earnings" (with Paulo Bastos and Natália P. Monteiro), *Oxford Economic Papers*, 66, 983-1005, 2014.
39. "Patient mobility, health care quality and welfare" (with Kurt R. Brekke, Rosella Levaggi and Luigi Siciliani), *Journal of Economic Behavior & Organization*, 105, 140-157, 2014.
38. "The impact of private versus public ownership on the level and structure of employment" (with Paulo Bastos and Natália P. Monteiro), *Economics of Transition*, 22, 247-280, 2014.
37. "Quality competition with motivated providers and sluggish demand" (with Luigi Siciliani and Roberto Cellini), *Journal of Economic Dynamics & Control*, 37, 2041-2061, 2013.
36. "Rain, agriculture, and tariffs" (with Paulo Bastos and Jaime A. Urrego), *Journal of International Economics*, 90, 364-377, 2013.
35. "Margins and market shares: pharmacy incentives for generic substitution" (with Kurt R. Brekke and Tor Helge Holmås), *European Economic Review*, 61, 116-131, 2013.
34. "Quality competition with profit constraints" (with Kurt R. Brekke and Luigi Siciliani), *Journal of Economic Behavior & Organization*, 84, 642-659, 2012.
33. "Globalization, product differentiation and wage inequality" (with Paulo Bastos), *Canadian Journal of Economics*, 45, 857-878, 2012.
32. "North-South technology transfer in unionised multinationals" (with Kjell Erik Lommerud and Frode Meland), *Journal of Development Economics*, 99, 385-395, 2012.
31. "Employment protection versus flexicurity: on technology adoption in unionised firms" (with Kjell Erik Lommerud), *Scandinavian Journal of Economics*, 114, 177-199, 2012.
30. "Competition in regulated markets with sluggish beliefs about quality" (with Kurt R. Brekke, Roberto Cellini and Luigi Siciliani), *Journal of Economics & Management Strategy*, 21, 131-178, 2012.
29. "Restructuring in privatised firms: a Statis approach" (with Adelaide Figueiredo, Fernanda Figueiredo and Natália P. Monteiro), *Structural Change and Economic Dynamics*, 23, 108-116, 2012.
28. "Firm ownership and rent sharing" (with Natália P. Monteiro and Miguel Portela), *Journal of Labor Research*, 32, 210-236, 2011.
27. "Hospital competition and quality with regulated prices" (with Kurt R. Brekke and Luigi Siciliani), *Scandinavian Journal of Economics*, 113, 444-469, 2011.
26. "Reference pricing, competition and pharmaceutical expenditures: Theory and evidence from a natural experiment" (with Kurt R. Brekke and Tor Helge Holmås), *Journal of Public Economics*, 95, 624-638, 2011.
25. "Mergers and capital flight in unionised oligopolies: is there scope for a 'national champion' policy?" (with Kjell Erik Lommerud and Frode Meland), *International Review of Economics & Finance*, 20, 325-341, 2011.
24. "Price and quality in spatial competition" (with Kurt R. Brekke and Luigi Siciliani), *Regional Science and Urban Economics*, 40, 471-480, 2010.
23. "Competition and quality in health care markets: a differential-game approach" (with Kurt R. Brekke, Roberto Cellini and Luigi Siciliani), *Journal of Health Economics*, 29, 508-523, 2010.

22. "Does monetary punishment crowd out pro-social motivation? A natural experiment on hospital length of stay" (with Tor Helge Holmås, Egil Kjerstad and Hilde Lurås), *Journal of Economic Behavior & Organization*, 75, 261-267, 2010.
21. "Company taxation and merger incentives in international oligopoly: on policy coordination with strategic trade" (with Kjell Erik Lommerud and Trond E. Olsen), *Journal of Industry, Competition and Trade*, 10, 161-186, 2010.
20. "Pharmaceutical patents: incentives for research and development or marketing?" (with Kurt R. Brekke), *Southern Economic Journal*, 76, 351-374, 2009.
19. "Firm heterogeneity and wages in unionised labour markets: theory and evidence" (with Paulo Bastos and Natália P. Monteiro), *Labour Economics*, 16, 440-450, 2009.
18. "Can deunionization lead to international outsourcing?" (with Kjell Erik Lommerud and Frode Meland), *Journal of International Economics*, 77, 109-119, 2009.
17. "Competition and waiting times in hospital markets" (with Kurt R. Brekke and Luigi Siciliani), *Journal of Public Economics*, 92, 1607-1628, 2008.
16. "Outsourcing in contests" (with Frode Meland), *Public Choice*, 131, 315-331, 2007.
15. "Reference pricing of pharmaceuticals" (with Kurt R. Brekke and Ingrid Königbauer), *Journal of Health Economics*, 26, 613-642, 2007.
14. "Industry concentration and strategic trade policy in successive oligopoly" (with Gjermund Nese), *Journal of Industry, Competition and Trade*, 7, 31-52, 2007.
13. "Gatekeeping in health care" (with Kurt R. Brekke and Robert Nuscheler), *Journal of Health Economics*, 26, 149-170, 2007.
12. "Managerial delegation and merger incentives with asymmetric costs", *Journal of Institutional and Theoretical Economics*, 162, 450-469, 2006.
11. "Product market integration and environmental policy coordination in an international duopoly", *Environmental & Resource Economics*, 34, 535-563, 2006.
10. "National versus international mergers in unionized oligopoly" (with Kjell Erik Lommerud and Lars Sørsgard), *RAND Journal of Economics*, 37, 212-233, 2006.
9. "Quality and location choices under price regulation" (with Kurt R. Brekke and Robert Nuscheler), *Journal of Economics & Management Strategy*, 15, 207-227, 2006.
8. "Globalisation and union opposition to technological change" (with Kjell Erik Lommerud and Frode Meland), *Journal of International Economics*, 68, 1-23, 2006.
7. "Downstream merger with upstream market power" (with Kjell Erik Lommerud and Lars Sørsgard), *European Economic Review*, 49, 717-743, 2005.
6. "Good jobs, bad jobs and redistribution" (with Kjell Erik Lommerud and Bjørn Sandvik), *Scandinavian Journal of Economics*, 106, 703-720, 2004.
5. "Merger, partial collusion and relocation" (with Pedro Posada), *Journal of Economics*, 83, 243-265, 2004.
4. "Bilateral monopolies and location choice" (with Kurt R. Brekke), *Regional Science and Urban Economics*, 34, 275-288, 2004.
3. "International mergers and trade liberalisation: implications for unionised labour", *International Journal of Industrial Organization*, 21, 717-735, 2003.
2. "Union collusion and intra-industry trade", *International Journal of Industrial Organization*, 20, 631-652, 2002.
1. "Rent-seeking in a unionised monopoly", *Economics of Governance*, 3, 117-134, 2002.

Book chapters

- "Quality and price competition in spatial markets" (with Kurt R. Brekke and Luigi Siciliani). In: *Spatial Economics Volume 1: Theory* (edited by Stefano Colombo). Palgrave Macmillan, forthcoming.
- "Hospital quality competition: a review of the theoretical literature" (with Kurt R. Brekke, Hugh Gravelle and Luigi Siciliani). In: *Competition between Hospitals: Does it Affect Quality of Care?* (edited by Brigitte Dormont and Carine Milcent), *Collection du CEPREMAP N° 49*, Éditions Rue d'Ulm, pp. 25-67, 2018.

- "Differential games in health care markets: models of quality competition with fixed prices" (with Kurt R. Brekke, Roberto Cellini and Luigi Siciliani). In: *Advances in Dynamic and Mean Field Games: Theory, Applications and Numerical Methods* (edited by Joseph Paloo and Bruno Viscolani), *Annals of the International Society of Dynamic Games*, Vol. 25, Birkhäuser – Springer International Publishing, pp. 145-167, 2017.
- "Advertising health care: causes and consequences". In: Anthony J. Culyer (ed.), *Encyclopedia of Health Economics*, Vol 1. San Diego: Elsevier, pp. 51-55, 2014.
- "Patient choice, mobility and competition among health care providers" (with Kurt R. Brekke, Hugh Gravelle and Luigi Siciliani). In: *Health Care Provision and Patient Mobility – Health Integration in the European Union* (edited by Rosella Levaggi and Marcello Montefiori), *Developments in Health Economics and Public Policy*, Vol. 12, Springer, pp. 1-26, 2014.

National journal articles (with peer review)

- "Strategisk regulering av gasstransport" (with Gjermund Nese), *Økonomisk Forum*, 59 (7), 18-27, 2005 [In Norwegian].

Research reports

- "Comparing pharmaceutical prices in Europe: a comparison of prescription drug prices in Norway with nine Western European countries" (with Kurt R. Brekke and Tor Helge Holmås), *SNF Report* 11/2011.
- "Are pharmaceuticals still inexpensive in Norway? A comparison of prescription drug prices in ten European countries" (with Kurt R. Brekke and Tor Helge Holmås), *SNF Report* 08/2010.
- "Er legemidler fremdeles billig i Norge? En sammenligning av priser på reseptpliktige legemidler mellom Norge og ni vest-europeiske land" (with Kurt R. Brekke and Tor Helge Holmås), *SNF Rapport* 06/2009 [In Norwegian].
- "Er legemidler billig i Norge? En sammenligning av priser på reseptpliktige legemidler mellom Norge og ni vest-europeiske land" (with Kurt R. Brekke and Tor Helge Holmås), *SNF Rapport* 05/2008 [In Norwegian].
- "Konkurranse i spesialisthelsetjenesten?" (with Christian Andersen, Kurt R. Brekke, Egil Kjerstad, Frode Kristiansen and Kjell J. Sunnevåg), *SNF Rapport* 25/2006 [In Norwegian].
- "Pris- og avanseregulering i legemiddelmarkedet: En prinsipiell diskusjon og en vurdering av den norske modellen" (with Kurt R. Brekke), *Rokkansenteret Notat* 20/2003 [In Norwegian].

Other publications

- "Galt å skremme med duopol i dagligvaremarkedet" (with Bjørn Olav Johansen), op-ed in *Dagens Næringsliv*, 10 December 2019 (<https://www.dn.no/innlegg/dagligvarer/dagligvaremarkedet/konkurranse/innlegg-galt-a-skremme-med-duopol-i-dagligvaremarkedet/2-1-718710>) [In Norwegian].
- "Bør få bruke innkjøpsmakt til å presse prisene" (with Bjørn Olav Johansen), op-ed in *Dagens Næringsliv*, 4 December 2019 (<https://www.dn.no/innlegg/mat/dagligvarer/dagligvaremarkedet/innlegg-bor-fa-bruke-innkjopsmakt-til-a-presse-prisene/2-1-716698>) [In Norwegian].
- Review of Figueiredo, O., P. Guimarães and D. Woodward (2015), "Industry localization, distance decay, and knowledge spillovers: Following the patent paper trail", *Journal of Urban Economics*, 89, 21-31, *Banco de Portugal Spillovers*, Autumn 2015.
- Review of Vilares, H. (2015), "Trade Unions: The winners curse?", *Banco de Portugal Economic Studies*, Vol. 1, N2, 83-88, *Banco de Portugal Spillovers*, Autumn 2015.
- "Norge er blant de billigste landene i Europa på legemidler" (with Kurt R. Brekke and Tor Helge Holmås), op-ed in *Bergens Tidende*, 17 March 2011, p. 38 [In Norwegian].
- "NRK langt fra sannheten om pris på legemidler" (with Kurt R. Brekke and Tor Helge Holmås), op-ed in *forskning.no*, 17 March 2011 (<https://forskning.no/meninger/kronikk/2011/03/nrk-langt-fra-sannheten-om-pris-pa-legemidler>) [In Norwegian].
- "Editorial note" (with Paulo Brito), *Portuguese Economic Journal*, 10, 1-2, 2011.
- "Hvordan skal vi beholde profitten fra norsk gasseskport i Norge?" (with Gjermund Nese), *SNF Bulletin*, 17 (4), 11-16, 2005 [In Norwegian].

RESEARCH IN PROGRESS

- "Investment and quality competition in health care markets" (with Ziad Ghandour and Luigi Siciliani). *In preparation.*
- "Quality provision in hospital markets with demand inertia: The role of patient expectations" (with Luís Sá). *In preparation.*
- "Competition, quality, and integrated care" (with Kurt R. Brekke and Luigi Siciliani). *In preparation.*
- "Merger control in retail markets with national pricing" (with Tommy Staahl Gabrielsen and Bjørn Olav Johansen). *In preparation.*
- "Does remote work improve or impair firm labour productivity? Longitudinal evidence from Portugal" (with Natália P. Monteiro and Marieta Valente). *Submitted.*
- "Quality competition in mixed oligopoly" (with Ziad Ghandour). *In preparation.*
- "National pricing with local quality competition" (with Tommy Staahl Gabrielsen and Bjørn Olav Johansen). *In preparation.*
- "Optimal dynamic volume-based price regulation" (with Michele Bisceglia, Roberto Cellini and Luigi Siciliani). *Submitted.*
- "Hospital competition in the National Health Service: evidence from a patient choice reform" (with Kurt R. Brekke, Chiara Canta and Luigi Siciliani). *Submitted.*
- "International outsourcing and trade union (de-)centralization" (with Kjell Erik Lommerud and Frode Meland). *Submitted.*
- "Does reference pricing drive out generic competition in pharmaceutical markets? Evidence from a policy reform" (with Kurt R. Brekke and Chiara Canta). *Under revision.*

CITATIONS

Top 3 cited articles based on Web of Science (Core Collection)

- [58] "Quality and location choices under price regulation", *Journal of Economics & Management Strategy*, 2006.
 [57] "Gatekeeping in health care", *Journal of Health Economics*, 2007.
 [53] "Downstream merger with upstream market power", *European Economic Review*, 2005.

Aggregate citation statistics

Web of Science (Core Collection): <https://publons.com/researcher/609903/odd-rune-straume/>
 Total number of citations: 854; h-index: 17.

Scopus: www.scopus.com/authid/detail.uri?authorid=6603686658
 Total number of citations: 952; h-index: 18.

Google Scholar: <https://scholar.google.pt/citations?user=AgkHMSwAAAAJ&hl=en&oi=ao>
 Total number of citations: 2529; h-index: 27.

AWARDS

- *EEG Best Researcher Award 2016* (awarded by the School of Economics and Management, University of Minho, for the paper "Price regulation and parallel imports of pharmaceuticals", published in *Journal of Public Economics*, 2015).
- *Research Merit Award 2012* (awarded by the University of Minho).
- *EEG Best Researcher Award 2010* (awarded by the School of Economics and Management, University of Minho, for the paper "Can deunionization lead to international outsourcing?", published in *Journal of International Economics*, 2009).
- *Sandmo Junior Visiting Fellowship in Public Policy 2009* (awarded by the Norwegian School of Economics).

PROFESSIONAL SERVICES

Editorial boards

- Associate Editor of *Journal of Health Economics* (since 2019)
- Associate Editor of *Bulletin of Economic Research* (since 2016).
- Associate Editor of *Portuguese Economic Journal* (since 2016).
- Co-Editor of *Portuguese Economic Journal* (2008-2016).

Refereeing

- Journals:

American Journal of Health Economics (1), Annals of Regional Science (2), AUCO Czech Economic Review (1), B.E. Journal of Economic Analysis & Policy (4), Bulletin of Economic Research (6), Canadian Journal of Economics (6), Economic Inquiry (1), Economic Journal (2), Economic Modelling (1), Economic Record (1), Economic Theory (1), Economica (2), Economics Bulletin (2), Economics of Governance (4), Environmental & Resource Economics (3), European Economic Review (4), European Journal of Health Economics (2), Games and Economic Behavior (2), Health Economics (14), Health Policy (1), Homo Oeconomicus (1), International Economic Review (2), International Journal of Business and Economics (2), International Journal of Economic Theory (1), International Journal of Health Care Finance and Economics (3), International Journal of Health Economics and Management (2), International Journal of Industrial Organization (6), International Review of Economics & Finance (1), International Trade Journal (1), Japanese Economic Review (1), Journal of Economic Behavior & Organization (9), Journal of Economic Surveys (1), Journal of Economics (11), Journal of Economics & Management Strategy (8), Journal of Environmental Economics and Management (1), Journal of Health Economics (25), Journal of Human Resources (1), Journal of Industrial Economics (1), Journal of Industry, Competition and Trade (3), Journal of Institutional and Theoretical Economics (5), Journal of International Economics (2), Journal of the European Economic Association (1), Journal of Labor Research (1), Journal of Money, Credit and Banking (1), Journal of Public Economic Theory (5), Journal of Public Economics (9), Journal of Regional Science (2), Journal of Regulatory Economics (1), LABOUR (1), Labour Economics (1), Manchester School (3), Metroeconomica (1), Omega: The International Journal of Management Science (1), Papers in Regional Science (1), Portuguese Economic Journal (4), Portuguese Review of Regional Studies (1), RAND Journal of Economics (3), Regional Science & Urban Economics (2), Research In Economics (1), Review of Industrial Organization (2), Review of International Economics (1), Scandinavian Journal of Economics (10), Southern Economic Journal (2), Theory and Decision (1), Økonomisk Forum (1).

Verified journal refereeing record at <https://publons.com/researcher/609903/odd-rune-straume/>

- Conferences:
 - 14th Annual Meeting of the Portuguese Economic Journal, Porto, scheduled for Jul 2021.
 - 12th Annual Meeting of the Portuguese Economic Journal, Lisbon, Jul 2018.
 - 13th Portuguese Health Economics Conference, Braga, Oct 2013.
 - 2011 Annual Meeting of the Association of Southern European Economic Theorists, Évora, Oct 2011.
- Research Grants:
 - Danish Council for Independent Research, 2014.

Conference organization

- Co-organizer of Markets and Policy Douro Meeting, Porto, Jun 2018.
- Chair of the Scientific Committee for the 8th Meeting of the Portuguese Economic Journal, Braga, Jul 2014.
- Chair of the Scientific Committee for the 4th Meeting of the Portuguese Economic Journal, Faro, Jun 2010.

External examinations

- Habilitation:
 - Armando Garcia Pires, University of Lisbon, scheduled for 2020.
 - Daniel Traça, Nova School of Business & Economics, Apr 2011.

- Doctoral theses:
 - Filipa Mota, University of Porto, scheduled for 2020.
 - Pedro Chaves, Nova School of Business & Economics, Sep 2015.
 - Pedro Gonzaga, University of Porto, Sep 2014.
 - Anita Michalsen, University of Tromsø, Jun 2012.
 - Simona Grassi, University of York, Jun 2009.
 - Jan Gaute Sannarnes, Norwegian School of Economics, Jun 2008.

External hiring committees

- University of Porto, two Full Professor positions, 2020.
- University of Évora, Associate Professor position, 2020.
- University of Madeira, Associate Professor position, 2020.

GRANTS AND FUNDED RESEARCH

Funded research projects

- Principal Investigator:
 - "Private versus public ownership: implications for the labour market". Funded by the Portuguese Foundation for Science and Technology. Project period: 2010-2012.
- Member of research team:
 - "Modernizing the GP scheme: towards sustainable health policy". Funded by the Norwegian Research Council. Project period: 2019-2021.
 - "Ikke-pris effekter av fusjoner – implikasjoner for fusjonskontrollen" [Non-price effects of mergers – implications for the merger control]. Funded by the Norwegian Competition Authority. Project period: 2018-2019.
 - "Competition issues in the age of Big Data". Funded by the Portuguese Foundation for Science and Technology. Project period: 2016-2019.
 - "Sickness absence: Using random assignment of GPs in emergency centers as a natural experiment". Funded by the Norwegian Research Council. Project period: 2015-2018.
 - "Competition policy in other health systems, and what can be learned for UK health policy". Funded by the Health Foundation (UK). Project period: 2015-2016.
 - "Competition in hospital markets". Funded by the Norwegian Competition Authority. Project period: 2015-2016.
 - "Population aging, family structure and the demand for long-term care". Funded by the Norwegian Research Council. Project period: 2009-2014.
 - "Public and private child care supply in Brazil". Funded by the Inter-American Development Bank. Project period: 2012.
 - "Comparison of pharmaceutical prices in Europe". Funded by the Norwegian Pharmacy Association. Project period: 2011.
 - "Comparison of pharmaceutical prices in Europe". Funded by the Norwegian Pharmacy Association. Project period: 2010.
 - "Sammenligning av norske og utenlandske priser på reseptpliktige legemidler" [Comparison of Norwegian and foreign prices of prescription drugs]. Funded by the Norwegian Pharmacy Association. Project period: 2009.
 - "Kartlegging av norske og utenlandske priser på legemidler" [Comparison of Norwegian and foreign pharmaceutical prices]. Funded by the Norwegian Ministry of Health and Care Services. Project period: 2007-2008.
 - "Konkurranse i spesialisthelsetjenesten" [Competition in the market for secondary health care]. Funded by the Norwegian Competition Authority. Project period: 2005-2006.
 - "Konkurransestrategi, tilgangsprising og investeringsincentiv i et europeisk integrert gassmarked" [Competition strategies, access pricing and investment incentives in an integrated European gas market]. Funded by the Norwegian Research Council (through the PETROPOL programme). Project period: 2003-2006.
 - "Pris- og avanseregulering i legemiddelmarkedet" [Price regulation in the pharmaceutical market]. Funded by the Norwegian Pharmacy Association. Project period: 2003.

- "SIP: Nærings- og konkurransepolitikk" [Industrial and competition policy]. Funded by the Norwegian Research Council. Project period: 2002-2004.
- "Fagforeninger og lønnsdannelse i markeder med ufullkommen konkurranse" [Trade unions and wage formation in markets with imperfect competition]. Funded by the Norwegian Research Council (through the programme "Næring, finans og marked"). Project period: 1998-2002.

Travel grants

- Travel grants (co-recipient) from the University of York (2019, 2018, 2017, 2016, 2015, 2014, 2013, 2012, 2011, 2010).
- Sabbatical scholarship from the Portuguese Foundation for Science and Technology (2009).
- Conference grant from the Portuguese Foundation for Science and Technology (2006).
- Travel grants from the Norwegian Research Council's Ruhrgas programme (2004, 2003, 2000).
- Project grant from the Norwegian Meltzer Foundation (2001).

RESEARCH PRESENTATIONS

Invited seminars

- Nova School of Business & Economics (Feb 2020; Feb 2015; Apr 2010; May 2007)
- Paris Dauphine University (May 2019)
- Research Institute of Industrial Economics (IFN), Stockholm (Jan 2019)
- University of Bergen (Oct 2015; Jan 2011; May 2009; Apr 2008; Oct 2006)
- University of Augsburg (Jul 2015)
- University of Copenhagen (Jun 2015)
- Portuguese Catholic University, Porto (Jun 2012)
- University of Oslo (May 2012)
- Bergen Center for Competition Law and Economics (Feb 2012)
- University of Exeter (Jan 2012)
- University of Porto (Nov 2011; May 2007)
- Institute for Economic Analysis/Autonomous University of Barcelona (Oct 2010)
- University of Bayreuth (Jan 2010)
- Norwegian School of Management, Oslo (Oct 2009)
- University of York (Jan 2009)
- Norwegian School of Economics (Jan 2009; Jan 2007)
- University of Nottingham (Oct 2007)
- Carnegie Mellon University (Feb 2007)
- Helsinki Center of Economic Research (HECER) (Jan 2007)
- Portuguese Competition Authority (Jul 2006)
- University of Minho (Oct 2004)
- University of Aberdeen Business School (Oct 2004)
- Social Science Research Center Berlin (WZB) (Jul 2004; Oct 2003; Feb 2003)

Conferences and workshops [P=Presenter, D=Discussant]

- Workshop on Industrial Economics Research, Aveiro, Sep 2019 (P&D)
- 6th EuHEA PhD Student-Supervisor and Early Career Researcher Conference, Porto, Sep 2019 (D)
- EARIE 46th Annual Conference, Barcelona, Aug 2019 (P)
- 13th Annual Meeting of the Portuguese Economic Journal, Évora, Jul 2019 (P)
- 10th NERI Workshop, Rome, Feb 2019 (P – invited session).
- NIPE/CEGE Industrial Organization and Microeconomics Workshop, Braga, Jan 2018 (P).
- EARIE 44th Annual Conference, Maastricht, Sep 2017 (P).
- 11th Annual Meeting of the Portuguese Economic Journal, Vila Real, Jul 2017 (P).
- International invitational conference on "Competition Policy in Hospital Markets", Rotterdam, May 2017 (P).
- 10th Annual Meeting of the Portuguese Economic Journal, Coimbra, Jul 2016 (P).
- EARIE 42nd Annual Conference, Munich, Aug 2015 (P).
- CEGE/NIPE Research Workshop 2014, Porto, Sep 2014 (P).
- EARIE 41st Annual Conference, Milan, Aug 2014 (P).
- EARIE 40th Annual Conference, Évora, Sep 2013 (P).

- EARIE 39th Annual Conference, Rome, Sep 2012 (P&D).
- 6th Annual Meeting of the Portuguese Economic Journal, Porto, Jul 2012 (P).
- 5th Annual Meeting of the Portuguese Economic Journal, Aveiro, Jul 2011 (P).
- EARIE 37th Annual Conference, Istanbul, Sep 2010 (P).
- "Encontro Ciência 2010", Lisbon, Jul 2010 (P).
- EARIE 36th Annual Conference, Ljubljana, Sep 2009 (P).
- 3rd Annual Meeting of the Portuguese Economic Journal, Funchal, Jun 2009 (P).
- EARIE 35th Annual Conference, Toulouse, Sep 2008 (P).
- 9th European Health Economics Workshop, Bergen, May 2008 (D).
- 6th European Conference on Health Economics, Budapest, Jul 2006 (P).
- CEPR Conference on "The Economics of Labor Market Relations", Bergen, May 2006 (P).
- 7th European Health Economics Workshop, Konstanz, May 2006 (P).
- WZB Conference on "Advances in the Theory of Contests and Tournaments", Berlin, Oct 2005 (P).
- EARIE 32nd Annual Conference, Porto, Sep 2005 (P).
- 6th European Health Economics Workshop, Liège, Jun 2005 (D).
- EARIE 31st Annual Conference, Berlin, Sep 2004 (P).
- 9th Spring Meeting of Young Economists, Warsaw, Apr 2004 (P&D).
- The Royal Economic Society Annual Conference, Swansea, Apr 2004 (P).
- Third Norwegian-German Seminar on Public Economics, CESifo, Munich, Jun 2003 (P&D).
- 7th Spring Meeting of Young Economists, Paris, Apr 2002 (P&D).
- IZA Workshop on "European Integration and Labour Market Performance", Bonn, Apr 2002 (P&D).

RESEARCH VISITS

Longer visits (6 months or more)

- University of Bergen (Mar – Sep 2009)
- University of Warwick (Sep 2001 – Aug 2002)

Shorter visits (between 1 week and 6 months)

- University of Bergen (Nov 2019; Oct 2018; Oct – Nov 2017; Sep 2016; Jan 2016; Oct 2015; Nov 2014; Oct – Nov 2013; Feb 2013; Oct 2012; Jan – Feb 2012; Oct – Nov 2011; Jan 2011; Apr 2010; Feb 2010; Feb 2008; Oct 2006)
- University of York (Dec 2019; Dec 2018; Dec 2017; Nov – Dec 2016; Nov – Dec 2015; Nov 2014; Dec 2013; Nov 2012; Nov 2011; Nov 2010; Jun 2010; Jun 2009)
- Norwegian School of Economics (May – Jun 2009)
- University of Nottingham (Oct 2007)
- Carnegie Mellon University (Feb 2007)
- University of Minho (Feb 2005; Oct – Nov 2004)
- University of Munich (Aug 2004)
- Social Science Research Center Berlin (WZB) (Oct 2003)

UNIVERSITY ADMINISTRATIVE DUTIES

University of Minho

- Member of the Scientific Council of the School of Economics and Management (since 2011)
- Member of the Directing Committee of the PhD Programme in Economics (since 2019 and 2009-2013)
- Director of Centre for Research in Economics and Management (NIPE) (2013-2019)
- Member of the Directing Committee of the Master Programme in Industrial and Firm Economics (2013-2019)
- Member of the Directing Committee of the Research Master Programme in Economics (2012-2013)
- Member of the Directing Committee of the Master Programme in Economics (2010-2012)

TEACHING

[* = part of teaching team; F=Fall; S=Spring]

University of Minho

- PhD Programme in Economics:
 - Advanced Microeconomics I (F19, F17, F15, F13, F11, F09*)
 - Advanced Microeconomics II (S19, S17, S15, S13, S11)
 - Health Economics (F19*)
- Master Programme in Economics:
 - Economics of the Firm (S07)
 - Industrial Organization (S07*)
 - Advanced Microeconomics I (F11, F09*, F08*)
 - Advanced Microeconomics II (S11)
 - Regulation and Competition Policy (S14*, S13*)
- Master Programme in Economics, Markets and Public Policies:
 - Microeconomics (F09*, F08, F07)
 - Regulation and Competition Policy (S08*)
 - Political Economy (S08*)
- Master Programme in Industrial and Firm Economics:
 - Economics of the Firm (S15*, S14*)
 - Advanced Industrial Economics (F11*, F10*)
- Master Programme in Economics and Health Policy:
 - Health Economics II (S08*)
- Master Programme in Marketing and Strategic Management:
 - Economics of Markets and Competition (S12)
- Bachelor Programme in Economics:
 - Industrial Economics (S20, S19, S18, S17, S16, S15, S14, S13, S12, S11, S10)
- Bachelor Programme in International Business:
 - Quantitative Methods II (S08, S07, S06)
 - Microeconomic Analysis II (S07)
 - Introduction to Microeconomics (F09, F08)
 - Industrial Organization (S12, S11, S10*, S08)
 - Economics of Markets (S20, S19, S18, S17, S16, S15)

University of Bergen

- Master Programme in Economics:
 - Microeconomic Analysis (F05)
- Bachelor Programme in Economics:
 - Industry Structure and International Trade (F02)

SUPERVISION

PhD theses

- Luís Carlos de Sousa Sá: "Essays on hospital behavior and regulation", PhD in Economics, U Minho, ongoing.
- Ziad Ghandour: "Quality competition in regulated markets", PhD in Economics, U Minho, ongoing.

Master theses

- Luís Carlos de Sousa Sá: "Quality and specialisation in regulated markets with semi-altruistic providers", Master in Economics, U Minho, 2016.

- Gustavo Santarém Silva: "Pharmaceutical regulation and pseudo-generics", Master in Industrial and Firm Economics, U Minho, 2015.
- Aijun Lin: "Trade liberalization and horizontal mergers", Master in Industrial and Firm Economics, U Minho, 2014.
- Hugo Joel Fernandes de Sá Pereira: "Pharmaceutical reference pricing schemes and their policy implications", Master in Economics and Health Policy, U Minho, 2013.
- Eva Patricia Fernandes Soares: "A entrada da China na OMC – Ameaça ou Oportunidade: O caso da indústria têxtil e de vestuário no Norte de Portugal", Master in Industrial and Firm Economics, U Minho, 2013. (Co-supervision)
- Rui Manuel da Silva Quintas: "O comportamento do consumidor face à introdução de marcas próprias", Master in Industrial and Firm Economics, U Minho, 2013. (Co-supervision)