

Stefan Szymanski

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Education

- 1986 - 1988 University of London, Birkbeck College
PhD Thesis: Essays on Economic Architecture. Awarded December 1988.
- 1983 - 1985 University of London, Birkbeck College
Msc Economics (Distinction)
- 1979 – 1983 University of Oxford, Hertford College
BA in Politics, Philosophy and Economics

Academic appointments

- 2011- Stephen J. Galetti Professor of Sport Management, University of Michigan
- 2008 – 2011 Professor of Economics, Cass Business School, City University London
- 1993 - 2007 Professor of Economics (from 2002), Imperial Business School, Imperial College London
- 1989 - 1993 Assistant Professor of Economics, London Business School
- 1988 - 1989 Post Doctoral Research Fellow, London Business School

Other professional appointments

- 2022- Co-editor, Sports Economics Review
- 2017- Visiting Professor, Erasmus University
- 2011-2015 President, European Sports Economics Association
- 1993-2011 Visiting Professor of Economics and Member of Governing Council, Warsaw University of Technology Business School
- 2008-2009 MBA Dean, Cass Business School
- 2004-2006 OFCOM, Panel of academic experts
- 2004 Visiting Professor, Smith College.
- 2003-2006 FT MBA Programme Director, Tanaka Business School, Imperial College London
- 2001 Visiting Professor, University of Melbourne.
- 2000 Visiting Professor, College of Law, University of Illinois at Urbana Champaign
- 1999–2000 Vice President, International Association of Sports Economists
- 1996 Visiting Professor, Norwegian School of Business Administration (NHH)
- 1995–2000 Steering Committee, Business History Unit, London School of Economics

Areas of expertise

- (1) Sports management and economics
- (2) Sport history, culture and society
- (3) European sport and the internationalization of sport
- (4) International sports federations and the governance of sport

Refereeing

I have refereed paper for numerous journals including the American Economic Review, the Journal of Political Economy, the Rand Journal of Economics, the Economic Journal, the Scottish Journal of Political Economy, Economica, the Review of Economics and Statistics, the European Economic Review, Economic Inquiry, the Journal of Sports Economics.

I am a member of the editorial board of the Journal of Sports Economics and the International Journal of Sports Finance. Formerly co-editor for sports for Economic Inquiry.

I am co-editor and co-founder of Sports Economics Review

Publications

(a) Film

Detroit's Olympic Uprising (with Aaron Schillinger and Silke Weineck). Director. Broadcast on Fox 2 Detroit, August 2024. Viewable at <https://vimeo.com/985767691> (pw: olympics)

(b) Books authored

Crickonomics: The Anatomy of Modern Cricket (with Tim Wigmore). Bloomsbury Press, 2022

City of Champions: Detroit, Sports, and a History of Triumph and Defeat (with Silke Weineck). The New Press, 2020

It's Football not Soccer (And Vice Versa): On the History, Emotion, and Ideology Behind One of the Internet's Most Ferocious Debates (with Silke Weineck). Kindle Books, 2018

Money and Soccer. New York: Nation Books, 2015. Published as "Money and Football" in the UK.

Football Economics and Policy. London: Palgrave Macmillan, 2010

The Comparative Economics of Sport. London: Palgrave Macmillan, 2010

Soccernomics (with Simon Kuper), New York: Nation Books 2009. First published as "Why England Lose" in the UK (London: HarperCollins). Also published in translation in France, Germany, Italy, Spain, Netherlands, Brazil, Turkey, Japan, South Korea, China, Russia, Poland, Indonesia, Malaysia, Thailand, Finland, Hungary, and Estonia. Second Edition published in UK and US in 2012. Third edition published in 2014. Fourth edition published 2018. Fifth edition published in 2022.

Playbooks and Checkbooks: An introduction to the economics of modern sports. Princeton: Princeton University Press, 2009

Fans of the World, Unite! A Capitalist Manifesto for Sports Consumers (with Stephen F. Ross). Stanford: Stanford University Press, 2008

National Pastime: How Americans play Baseball and the rest of the world plays Soccer (with Andrew Zimbalist). Washington DC: Brookings Institution, 2005

Il business del calcio (with Umberto Lago and Alessandro Baroncelli). Milan: Egea, 2004

Winners and Losers: The Business Strategy of Football (with Tim Kuypers) London: Viking Books, 1999

(c) Books edited

Principles and Paradoxes of Sports Economics: Essays in Honor of Rodney Fort. Springer, 2024

Handbook on the Economics of Sport (with Wladimir Andreff). Cheltenham: Edward Elgar, 2006

Transatlantic Sports: The Comparative Economics Of North American And European Sports, with Carlos Barros and Murad Ibrahim. Cheltenham: Edward Elgar: 2002.

(d) Refereed journal articles

"On the efficiency of trading intangible fixed assets in Major League Baseball" (with Ryan Pinheiro), *Journal of Quantitative Analysis in Sport*, 2025, 21 (1), 23-36

"The end of the transfer system (?)" *European Competition and Regulatory Law Review*, 2024, 8(3), 158-170

"Sports League Profit and Market Sizes" (with Jason Winfree and Connor Allen), *International Journal of Sport Finance*, 2024, 19(1), 25-38.

"Anticipating the honeymoon: Event study estimation of new stadium effects in Major League Baseball using the imputation method." *Economic Inquiry*, 2023, 61(4), 1077-1102.

"All Runs Are Created Equal: Labor Market Efficiency in Major League Baseball." (with Ryan Pinheiro) *Journal of Sports Economics*, 2022: 15270025221085712.

"The Survival of Mediocre Superstars in the Labor Market", (with Thomas Peeters and Marko Terviö), *The Journal of Law, Economics, and Organization*, Volume 38, Issue 3, November 2022, Pages 840–888, <https://doi.org/10.1093/jleo/ewab035>

"Reaching for the Rings: Detroit's Olympic Bids", *Michigan History*, 2021, 105, 3, 18-23.

"On the Incidence of an Ad Valorem Tax: The Adoption of VAT in the UK and Cost Pass Through by English Football Clubs." *De Economist*, 2021, 169, 1, 37-61.

"The private benefit of public funding: The FIFA World Cup, UEFA European Championship and attendance at host country league football" (with Bastien Drut), *Journal of Sports Economics*, 2020, 21(7), 723-745.

"Sport Analytics: Science or Alchemy?" *Kinesiology Review*, 2020, 9 (1), 57-63

"Quantifying the Intangible Impact of the Olympics, Using Subjective Well-Being Data" (with Paul Dolan, Georgios Kavetsos, Christian Krekel, Dimitris Mavridis, Robert Metcalfe, Claudia Senik and Nicolas Ziebarth), *Journal of Public Economics*, Volume 177, 2019, 104043

"Insolvencies in Professional Football: A German Sonderweg?", (with Daniel Weimar), *International Journal of Sport Finance*, 2019, 14(1), 54-68

"Convergence versus the Middle Income Trap: the case of global soccer" (with Melanie Krause). *Applied Economics*, 2019, 59, 27, 2980-2999

"On the optimal realignment of a contest: The case of college football" (with Jason Winfree), *Economic Inquiry*, 2018, 56 (1), 483-496

"Insolvency in French Soccer The Case of Payment Failure" (with Nicolas Scelles and Nadine Dermit-Richard), *Journal of Sports Economics*, 2018, 19(5), 603-624

"Individual impact magnitude vs. Cumulative magnitude for estimating concussion odds." (with Kathryn O'Connor, Thomas Peeter and Steven Broglio). *Annals of Biomedical Engineering*, 45(8), 1985-1992, 2017

"Entry into exit: insolvency in English professional football". *Scottish Journal of Political Economy*, 2017, 64(4), 419-444

"Revenue Sharing in a Sports League with an Open Market in Playing Talent: A Comment", *Theoretical Economics Letters*, 2016, 6(6), p.1337-1340

Testing the Testers: Do More Tests Deter Athletes from Doping? (with Claire Baudouin), *International Journal of Sport Finance*, 2016, 11(4), 349-363

Testing the O-Ring theory using data from the English Premier League (with Guy Wilkinson), *Research in Economics*, 70(3), pp.468-481, 2016

"Professional Asian football leagues and the global market", *Asian Economic Policy Review*, 11(1), pp.16-38, 2016.

"Economics and (Modern) Sports History", *The International Journal of the History of Sport*, 32, 15, 1775-1777, 2015

"Are restrictions of competition by sports associations horizontal or vertical in nature?" (with Oliver Budzinski), *Journal of Competition Law and Economics*, 11(2), 409-429, 2015

"Making money out of football." (with Leach, Stephanie) *Scottish Journal of Political Economy* 62, 1, 25-50, 2015

"Fair is Foul: A Critical Analysis of UEFA Financial Fair Play," *International Journal of Sport Finance*, 9(3), 218-229, 2014

"Financial fair play in European football," (with Thomas Peeters) *Economic Policy*, 29, pages 343-390, 2014.

"Bad for Business? The Effects of Hooliganism on English Professional Football Clubs," (with Todd Jewell & Rob Simmons) *Journal of Sports Economics*, 15(5), 429-450, 2014

"Tourism and the 2010 World Cup: Lessons for developing countries." (with Thomas Peeters and Victor Matheson) *Journal of African Economies*, 23, 2, 290-320, 2014

"Some Observations on Fort and Winfree "Nash Conjectures and Talent Supply in Sports League Modeling: A Comment on Current Modeling Disagreements", *Journal of Sports Economics*, 2012

"About Winning: The Political Economy of Awarding the World Cup and the Olympic Games", *SAIS Review*, pp. 87-97, Volume 31, Number 1, Winter-Spring 2011

"National Wellbeing and International Sports Events", (with Georgios Kavetsos), *Journal of Economic Psychology*, 2010, 31, 158-71

"Teaching competition in professional sports leagues," *Journal of Economic Education*, 2010, 41, 2, 150-68

"Economists and Sport History", *Journal of Sport History*, 2010, 37, 1, 71-82

"On the Edge of Your Seat: Demand for Football on Television and the Uncertainty of Outcome Hypothesis," (with Kevin Alavy & Alison Gaskell & Stephanie Leach), *International Journal of Sport Finance*, 2010, 5, 75-95

"The Financial Crisis and English Football: The Dog That Will Not Bark", *International Journal of Sport Finance*, 2010, 5, 28-40. "The J. League and the World Cup", (with Takeo Hirata) *Journal of Japan Society of Sports Industry*, 2009, 19, 1, 41-55.

"Goal! Profit maximization vs win maximization in soccer leagues," (with Pedro Garcia-del-Barrio) *Review of Industrial Organization*, 2009, 34, 1, 45-68

"A theory of the evolution of modern sport" *Journal of Sport History*, 2008, 35, 1, 1-64

"Olympic Games, Terrorism and their Impact on the London and Paris Stock Exchanges: A GARCH(1,1) Approach" (with Georgios Kavetsos), *Revue d'Economie Politique*, 2008, 118, 2,

"Are We Willing to Pay Enough to 'Back the Bid'? : Valuing the Intangible Impacts of London's Bid to Host the 2012 Summer Olympic Games" (with Giles Atkinson, Susana Mourata, and Ece Ozdemiroglu, *Urban Studies*, 2008, 45(2), 419-444

"Governance and vertical integration in team sports" (with Stephen F. Ross), *Contemporary Economic Policy*, 2007, 25, 4, 616-626

"The Champions League and the Coase Theorem", *Scottish Journal of Political Economy*, 2007, Vol: 53, 355 – 373

" The economic evolution of sport and broadcasting", *Australian Economic Review*, 2006, Vol: 39, 428 - 434

"Reply: Professional team sports are only a game: the Walrasian fixed-supply conjecture model, contest-Nash equilibrium and the invariance principle", *Journal of Sports Economics*, 2006, Vol: 7, 240 - 243

"English football", (with Tunde Buraimo and Rob Simmons) *Journal of Sports Economics*, 2006, Vol: 7, 29 - 46

"The financial crisis in European football: an introduction" (with Umberto Lago and Rob, Simmons), *Journal of Sports Economics*, 2006, Vol: 7, 3 - 12

"Antitrust and inefficient joint ventures: why sports leagues should look more like McDonald's and less like the United Nations", (with Stephen F. Ross) *Marquette Sports Law Review*, 2006, Vol: 16, 213 - 260

"Parallel Trade, International Exhaustion and Intellectual Property Rights: A Welfare Analysis", (with Tommaso Valletti) *Journal of Industrial Economics*, 2006, Vol: 54, 499 - 526

"Promotion and relegation in sporting contests," (with Tommaso Valletti) *Rivista di Politica Economica*, vol. 95, 3-39, 2005.

"Parallel trade, price discrimination, investment and price caps", (with Tommaso Valletti) *Economic Policy*, 2005, Vol: 20, 705 - 749

"Incentive effects of second prizes," (with Tommaso Valletti) *European Journal of Political Economy*, 2005, 21, 2, 467-481

"Broadcasting, attendance and the inefficiency of cartels" (with David Forrest and Rob Simmons), *Review of Industrial Organization*, 2004, 24, 243-265.

"Professional team sports are only a game: The Walrasian fixed supply conjecture model, Contest-Nash equilibrium and the invariance principle" *Journal of Sports Economics*, 2004, 5, 2, 111-126

"Competitive balance and gate revenue sharing in team sports" (with Stefan Késenne) *Journal of Industrial Economics*, 2004, LII, 1, 165-177

"Football Trials" (with David Harbord) *European Competition Law Review*, February 2004, 2, 114-119.

"The Assessment: The Economics of Sport" *Oxford Review of Economic Policy*, 19, 4, 2003, 467-477

- "Cheating in sport" (with Ian Preston) *Oxford Review of Economic Policy*, 19, 4, 2003, 612-624
- "Equality of opportunity and equality of outcome: open leagues, closed leagues and Competitive Balance" (with L. Buzzachi and T. Valletti), *Journal of Industry, Competition and Trade*, 3, 3, 2003, 167-86
- "The Economic Design of Sporting Contests" *Journal of Economic Literature*, XLI, 2003, 1137- 1187
- "Incentives and competitive balance" *European Sport Management Quarterly*, 3, 1, 2003, 11-30
- "The negative effects of central marketing of football television rights on fans, media concentration and small clubs" (with Susanne Parlasca) *Zeitschrift fuer Betriebswirtschaft*, 4, 2002, 83-104.
- "Antitrust, Promotion and Relegation" (with Stephen F. Ross) *Wisconsin Law Review*, 2002, 3, 625-656.
- "Testing Causality Between Team Performance and Payroll: The Cases of Major League Baseball and English Soccer" (with Stephen Hall and Andrew Zimbalist), *Journal of Sports Economics*, 3, 2, 2002, 149-168.
- "A Law of Large Numbers: Bidding and Compulsory Competitive Tendering" (with Andres Gomez-Lobo), *Review of Industrial Organization*, 18, 105-113, 2001
- "Economics of Sport: Introduction" *Economic Journal*, 111, 2001, F1-3
- "Income Inequality, Competitive Balance and the Attractiveness of Team Sports: Some Evidence and a Natural Experiment from English Soccer" *Economic Journal*, 111, 2001, F69-F84
- "Race and English Football Fans" (with Ian Preston), *Scottish Journal of Political Economy*, 47, 4, 2000, 342-363
- "A Market Test for Discrimination in the English Professional Soccer Leagues" *Journal of Political Economy*, 108, 3, 2000, 590-603
- "Modelling the Impact of the Introduction of Compulsory Competitive Tendering" (with Roger Bivand) *Regional Science and Urban Economics*, 30, 2000, 203-219.
- "The Americanization of European Football" (with Tom Hoehn). *Economic Policy*, No. 28, 1999, 205-33. Reprinted in *The Economics of Sport II*, A. Zimbalist (ed). International Library of Critical Writings in Economics, vol 135, 2001. Edward Elgar
- "The English Football Industry, Profit, Performance and Industrial Structure" (with Ron Smith), *International Review of Applied Economics*, 11, 1, 1997, 135-153. Reprinted in *The Economics of Sport II*, A. Zimbalist (ed). International Library of Critical Writings in Economics, vol 135, 2001. Edward Elgar
- "Spatial dependence through local yardstick competition: Theory and testing" (with Roger Bivand) *Economics Letters*, 55, 1997, 257-265
- "Regulation through comparative performance evaluation" (with Kirsty Powell) *Utilities Policy*, 6, 4, 1997, 293-301
- "Making Hay While the Sun Shines" *Journal of Industrial Economics*, XLIV, 1, 1996, 1-16.
- "The Impact of Compulsory Competitive Tendering on Refuse Collection Services", *Fiscal Studies*, 17, 3, 1996, 1-19
- "CCT for public services in the UK: the case of refuse collection" (with Hakeem Bello), *Journal of Business Finance and Accounting*, 23, 5, 1996, 881-903

"Rational Pricing Strategies in the Cross-Channel Market", *Transport Policy*, 2, 3, 1995, 169-177. Reprinted in *The Econometrics of Major Transport Infrastructures* eds. Quinet and Vickerman (1997). Macmillan.

"Executive pay and performance" (with Ron Smith), *International Journal of the Economics of Business*, 2, 3, 1995, 485-495

"Strategic Delegation with Endogenous Costs" *International Journal of Industrial Organization* 12, 1994, 105-116

"Cheap Rubbish? Competitive Tendering and Contracting Out of Refuse Collection, 1981-1988" (with Sean Wilkins) *Fiscal Studies* 14, 1993, 109-30

"The Disappearing Relationship Between Directors' Pay and Performance" (with Paul Gregg and Stephen Machin) *British Journal of Industrial Relations* 31, 1993, 1-9

"Privatisation, Liberalisation, Wages and Employment: Theory and Evidence for the UK" (with Jonathan Haskel) *Economica* 60, 1993, 161-181. Reprinted in *Privatisation and Corporate Performance*, D. Parker, (ed.). International Library of Critical Writings in Economics, vol. 123, 2000. Edward Elgar.

"The Optimal Timing of Infrastructure Investment" *Journal of Transport Economics and Policy*, 25, 3, 1991, 247-258

"The Economic Consequences of the Channel Tunnel" (with Alan Manning and John Kay) *Economic Policy*, 8, 1989, 211-234. Reprinted in *Transport economics: Selected readings*. Oum, Tae Hoon (ed). Harwood Academic in cooperation with the Korea Research Foundation for the 21st Century. p 667-91. 1997.

(e) Book chapters

"European and North American Sports Difference (?): A Quarter Century On" in Szymanski (ed), *Principles and Paradoxes of Sports Economics: contributions in honor of Rodney Fort*. Springer, 2024

"New Stadiums in North America and Europe: A Comparison and Agenda for Future Research." In *The Economic Impact of Sports Facilities, Franchises, and Events: Contributions in Honor of Robert Baade* (pp. 213-221). Cham: Springer International Publishing, 2023

"Is there evidence of softness in the budget constraint in football? Some evidence from English clubs" in Storm, R., K. Nielsen and Z. Havran (eds), *Professional Sports and the Soft Budget Constraint*, Edward Elgar, 2022.

" 'Form is temporary, class is permanent': an English Premier League analysis." ((with Guy Wilkinson) In Koning, R. and S. Kesenne (eds) *A Modern Guide to Sports Economics*. Edward Elgar, 2021.

"Korean baseball and soccer" (with Jai Ku Sun) in Kwak, DH, Yong, JK, Kang, I. and Rosentraub, M. (Eds), *Sport in Korea: History, Development, Management*, Routledge, 2018

"Compromise or compromised? The bidding process for the award of the Olympic Games and the FIFA World Cup", Chapter 3.5 in *Global Corruption Report: Sport*. Transparency International, New York: Routledge, 2016

"The J.League and the World Cup" (with Takeo Hirata) in Lee, YH and R. Fort (Eds.), *The Sports Business in The Pacific Rim: Economics and Policy*, Springer, 2015

"Long- term and short- term causes of insolvency and English football" in Rodriguez, P, Kesenne, S and Koning R. (eds) *The Economics of Competitive Sports*, Edward Elgar, 2015

"Financial Fair Play: Winners and Losers on and off the Pitch" (with Thomas Peeters), in Budzinski, O. and A. Feddersen (eds), *Contemporary Research in Sports Economics*, Peter Land, 2014

"Insolvency in English football" In J.A. Goddard and P.J. Sloane (eds), *Handbook on the Economics of Professional Football*. Edward Elgar, pp. 100–16, 2014

"Economics and Sport" in the *Handbook for the Social Sciences of Sport*. Maguire, J. (ed). Champaign, IL: Human Kinetics, 2014

"Financial instability in football: problems and solutions" in *L'Impacte de la crisi al futbol. Estrategies adaptatives*. Fundacio Ernest Lluch, 2013

"Wages, transfers and the variation of team Performance in the English Premier League" in Rodriguez, P, Kesenne, S & Garcia, J, eds, *The Econometrics of Sport*, Edward Elgar, 2013

"Economics of League Design: Open versus Closed Systems" in *The Oxford Handbook of Sports Economics, Volumes I*, Stephen Shmanske and Leo Kahane (eds), OUP, 2012

"The Employment Effects of London 2012: An Assessment in Mid-2011" (with Dan Brown) in the *International Handbook On The Economics Of Mega Sporting Events*, Wolfgang Maennig and Andrew Zimbalist (eds), Cheltenham: Edward Elgar, 2012

"Jeux avec Frontieres: Television markets and European sport" in *Sport and the Transformation of Modern Europe*, Richard Holt, Alan Tomlinson and Chris Young (eds), Routledge, 2011

"Sport financing and governance in Europe" in *Contemporary issues in sports economics: Participation and Professional team sports*, Wladimir Andreff (ed), Edward Elgar, 2011

"Leagues and Competitions" (with Saurabh Patel), in Hamil, S. and Chadwick, S., eds, *Managing Football: An International Perspective*, Butterworth-Heinemann, 2010

"Commercial Football and the Economic Cycle" in *Optimal Strategies in Sports Economics and Management*, Butenko, Sergiy; Gil-Lafuente, Jaime; Pardalos, Panos M. (Eds.) 2010, Springer.

"Parallel imports of patented medicines", In: Pugatch, M & Jensen, A, editor, *Healthy IPRs: A forward look at pharmaceutical intellectual property*, London, The Stockholm Network, 2007

"Why have premium sports rights migrated to Pay-TV in Europe but not in the US?", In: Jeanrenaud, C & Kesenne, S, editor, *The economics of sport and media*, Cheltenham, Edward Elgar, 2006

"The theory of contests", In: Fizel, J, editor, *Handbook of sports economics research*, Armonk, NY, M E Sharpe, 2006

"The future of football in Europe", In: Rodriguez, P, Kesenne, S & Garcia, J, editor, *Sports Economics after fifty years: Essays in honour of Simon Rottenberg*, Oviedo, University of Oviedo Press, 2006

"La mutation des droits de television dans le sport: une comparaison entre l'Europe et les Etats-Unis", In: Bolle, G & Desbordes, M, editor, *Marketing et football: une perspective internationale*, Voiron, France, Presses universitaires du sport, 2005

"Is there a European model of sport?" in *International Sports Economics* Fort, R. and J. Fizel (eds). Praeger, 2004.

"Why have premium sports rights migrated to pay TV in Europe but not in the US?", in *Current Competition Law*, Andenas, Hutchings and Marsden (eds), volume II, British Institute of International and Comparative Law, 2004.

"Promotion and relegation in rent-seeking contests" in Butenko, S., Gil-Lafuente, J. and Pardalos P. (eds) "Economics, Management and Optimization in Sports", Springer, 2004.

"Hearts and minds and Restrictive Practices Court case" in Football in the Digital Age edited by S. Hamil, J. Michie, C. Oughton and S. Warby. Mainstream, 2000.

"Nostra Culpa: Forecasts and Out-turns of Cross Channel Competition between the Ferries and the Tunnel" in Bradshaw B. and Lawton-Smith H., (eds) Privatization and Deregulation of Transport, Macmillan, 2000.

"The Market for Soccer Players in England after Bosman: Winners and Losers" in Player Market Regulation in Professional Team Sports, eds. S. Kesenne and C. Jeanrenaud. Standaard Uitgeverij, Antwerp, 1999.

"Choices in Transition: The Contract State and Direct Service in Local Government Expenditure" in Estrin and Holmes (eds) Competition and Economic Integration in Europe. Edward Elgar, 1998.

(f) Professional publications

"Dominio y apuros", *Papeles de Economía Española*, 158, 2019, 92-108

"From Olympics to the grassroots: what will London 2012 mean for sport funding and participation in Britain?" with Georgios Kavetsos, *Public Policy Research*, 2010, 16, 3, 192-196

"Foreward" to special issue on "The Governance of Sports in Europe" *European Sport Management Quarterly*, 2, 4, 2003, 259-263

"The Economic Impact of the World Cup 2002" *World Economics*, 3, 1, 2002, 169-177

"Collective selling of broadcast rights to sporting events", *International Sports Law Review*, 2, 1, 2002, 3-7.

"Up for the Cup", *World Economics*, 2, 4, 2001, 175-183.

"Promotion and Relegation" (with Stephen Ross) *World Economics*, 2, 2, 2001, 179-90.

"Necessary Restraints and Inefficient Monopoly Sports Leagues" (with Stephen Ross) *International Sports Law Review*, 1, 1, 2000, 27-28

"The Market for Gold Medals" *World Economics*, 1, 4, 2000, 1-8.

"Two cases relating to broadcasting and football in England" in *Reflets & Perspectives de la vie Economique*, XXXIX, 2-3, 2000, 141-148.

"The Decline of the FA Cup" *The Economic Review*, 17, 4, 2000, 2-5

"The Political Economy of Sport" *World Economics*, 1, 2, 2000, 1-11

"Joint Ventures in Russia: the view from the Russians", *Business Strategy Review*, 9, 3, 1998, 7-14.

The Role of Yardstick Competition in OFWAT's First Periodic Review (with Kirsty Powell). LECG, 1998.

"The European Soccer Business in the 21st Century" In Business & Economics for the 21st Century, Vol. II ed. D. Kantarelis, Business & Economics Society International, 1998.

"Why is Manchester United So Successful?" *Business Strategy Review*, 9, 4, 1998, 47-54. Reprinted in *Vezetéstudomány*, (1999) XXX, July-August, 111-118

"Gazza and Greenbury: similarities and differences" *Hume Papers on Public Policy*, 3, 4, 1996, 39-58

"Beaten in the race for the ball" *New Economy*, December, 1996, pp. 212-217

"CCT: A Clean Solution?" *New Economy* Summer issue, 1994 89-94

"What Happens to Wages and Employment after Privatisation?" (with Jonathan Haskel) in *Privatisation and Regulation*, eds Bishop, Kay, Mayer and Thompson, Oxford University Press, 1994

"The Economics of Footballing Success" *The Economic Review* 10, 4, 1993

"A Bargaining Theory of Privatisation" (with Jonathan Haskel) *Annals of Public and Cooperative Economics* 63, 2, 1992, 207-227

"Contracting Out: The Public Sector Experience" (with Sean Wilkins) *Business Strategy Review* 3, 3, 1992, 101-113

"Emotions or Economics" *The Treasurer, European Special Issue*, 1992, 14-17

"The Impact of Abolishing Duty Free Travel Allowances" *Consumer Policy Review*, 1, 1, 1991, 21-27

"Football and Architecture" (with Filippo dell'Osso) *Business Strategy Review*, 2, 2, 1991, 113-30

"Privatisation and Labour Markets" (with Jonathan Haskel) *Employment Institute Economic Report* 6, 7, 1991

"The Economics of Corporate Liquidity" (with Bruno Thiry) *The Treasurer*, 13, 1991, 41-43

"Eurotunnel: Pricing a New Product" (with Alan Manning and John Kay) *Business Strategy Review*, 1, 1, 1990, 37-56. Reprinted in *Price theory and its applications*. Saffran, Bernard Scherer, F. M., eds., International Library of Critical Writings in Economics, vol. 89, Edward Elgar, 1998.

"Expansion in Europe: What is the Best Form of Integration?" (with David Thompson) in "Continental Mergers are Different" Davis, E. and Kay, J. eds. Centre for Business Strategy, London Business School, 1990.

"The Impact of the Channel Tunnel on 1992" (with Alan Manning) in *1992: Myths and Realities*, 75-90. London Business School, Centre for Business Strategy, 1989

(g) Commissioned reports and expert evidence

"Black Representation in English Professional Football: An Update", Report commissioned by the Black Footballer's Partnership, January 2023

"Black Representation in English Professional Football: A Statistical Analysis", Report commissioned by the Black Footballer's Partnership, January 2021

Expert Declaration, commissioned by NASL in NASL v USSF, September 2017

"The economic incidence of VAT charged on green fees by golf clubs to non-members and the economic losses borne by golf clubs" Expert Report commissioned by HMRC, 2015

"On the Ball", *Finance and Development*, 52, 1, 26-28, 2014

"Convergence and soccer" *Harvard International Review*, Summer, 41-45, 2014.

"L'âge d'or du football, c'est aujourd'hui" (with Simon Kuper) *La Revue Internationale et Stratégique*, No. 94, summer, 121-126, 2014

"The state of football in England" Evidence to the UK Parliamentary Select Committee for Culture, Media and Sport, 2011

Competition Policy and Professional Sports, background note prepared for the OECD Secretariat and presented to the OECD Roundtable on Competition and Professional Sports (16-17 June 2010)

Report on EU priorities in the field of sport, produced by the Group of Independent Sport Experts, July 2010

"A study into the effect on the UK art market of the introduction of the artist's resale right", (with Katy Graddy and Noah Horowitz), paper prepared for the UK Intellectual Property Office. <http://www.ipo.gov.uk/study-droitdesuite.pdf>, January 2008

"The Link Between Gambling and Sport", A paper prepared for the Association of British Bookmakers, 2007

"Competitive balance in English football" (with Stephanie Leach), paper prepared for UEFA, 2006

Scoping Study: Artist's Resale Right, (with Kathryn Graddy) CT/CONS/016, London, Publisher: Intellectual Property Institute, 2005

"Current UK Law and Practice Regarding Patents for Genetic Sequences", (with Stephen Adams, Graham Christ, Paul Leonard, Margaret Llewelyn, Robert Pitkethly and Stephen Smith) Report commissioned by the DTI, 2003.

"Restricted View: the Rights and Wrongs of Premier League Broadcasting" (with David Harbord) Report commissioned by the Consumers Association, 2003.

"Housing Law Reform and the rules of eviction" Report commissioned by the Law Commission, 2003.

"The potential distortionary effect on competition that may occur due to the ability of the Corporation of London to reclaim input tax paid in respect of its fee-paying schools", Expert report commissioned by HM Customs & Excise, 2002.

"A Review of Government Sports Policies in Selected Countries" report commissioned by the Downing Street Performance and Innovation Unit, 2002.

"Trade Marks, Parallel Trade and International Exhaustion" Report commissioned by HM Treasury, 2002

"The Regulation of Network Industries", Report commissioned by the Consumers' Association, 2000.

"The application of competition law and regulation to vertically integrated communications firms", (with Martin Cave, Peter Crowther and Richard Whish). Report commissioned by the BBC, 2000.

"International Exhaustion: A Review of the Issues". Intellectual Property Institute, London, 1999.

"The Economics of Sports Championships" Report commissioned by the Federation Internationale d'Automobile, 1998.

"The economics of football and the effects of collective selling of Premier League broadcast rights", Expert report commissioned by the Office of Fair Trading, 1998.

"The Economics of Gas Transportation Pricing" Report Commissioned by British Gas TransCo, 1996.

"The Beer Industry in Europe" in "Single Market Review 96: Competition Issues" Vol. II. Report commissioned by the European Commission, 1996.

"Policy Implications comparing joint venture responses in Kazakhstan and Samara. Final report to the European Commission, 1996.

"Prices in the Cross-Channel Market" Report commissioned by Eurotunnel. 1994

"The City Labour Market" City Research Project Subject Report XV, commissioned by the Corporation of London, 1994.

PhD Supervision

(a) completed

Kirsty Powell:	Yardstick Competition in the Water Industry (Awarded 1998)
Pawel Urbanski:	Privatization of the Polish Electricity Industry (Awarded 2003)
Sarah Deasley:	Periodic Review and Regulation of the UK Electricity Industry (Awarded 2006)
Gustavo Rinaldi:	Industrial Development in Post-Privatization Russia (Awarded 2006)
Stephanie Leach:	The Economics of Soccer (Awarded 2006)
Georgios Kavetsos:	The Economics of the Olympic Games (Awarded 2009)
Thomas Peeters:	The economics of football (Awarded 2014)
Guy Wilkinson:	Player Productivity and Performance: An Econometric Approach to Team Management in Soccer (awarded 2017)
Gidon Jakar:	Sport and spatial impact (committee member) (awarded 2021)
Robert Sroka:	Sport and tax increment financing (committee member) (awarded 2020)
Ryan Pinheiro:	Baseball analytics (Chair) (awarded 2022)

Online Programme

I was the team leader in the creation of the Sports Performance Analytics Specialization launched on Coursera in 2021. I created the content on three of the five modules in collaboration with colleagues.

External

Expert witness

I have given evidence as an expert witness and provided economic analysis in a number of cases:

FA Premier League v Manchester City Football Club (2024-present) – provided expert report on valuation of sports sponsorships and gave testimony to Tribunal

Fusion Elite All Stars v Varsity Brands (2022) – provided expert testimony (deposed) on the antitrust implications of Varsity's relationship with the governing body

Nygaard v FIA et al (2020) – provided expert testimony (deposed) on the economic value of the Halo safety device

Premier Rugby Limited v Saracens Limited (2019) – provided expert testimony at an arbitration hearing for Saracens Limited on the impact of salary caps

USA v various executives connected to FIFA and other soccer associations (2018) – provided expert testimony in court for the government on the organization of soccer

NASL v USSF (2017-2025) – provided expert report (deposed) for NASL on the anticompetitive nature of professional league standard in US soccer

Mill Financial v RBS et al (2016-18) – provided expert report (deposed) on the valuation of Liverpool Football Club

HMRC v various golf clubs (2015) – provided testimony in court on the impact of VAT on pricing of golf club fees

Sean Highdale v Aviva Insurance (2012) – prepared expert report on the value of lost earnings of a professional footballer

Seven Network Limited v News Limited (2005) – provided expert advice relating the the economic theory of the case

OFT v Premier League (1999) – provided testimony in court about the impacy of collective selling on the value of broadcast rights

European Commission investigation of Formula One (1998) – wrote an economic analysis of role of Governing Bodies in Sport

Private Sector

I have worked for the Federation Internationale d'Automobile (FIA) on role of governing bodies in Europe, with UEFA on competitive balance and the Champions League, and the International Cricket Council (ICC) on the global reach of the sport. I worked with IMG on the design of the Indian Premier League and have worked for the Association of British Bookmakers on the relationship between sport, gambling and government regulation. I have also worked with the Consumers' Association. Companies worked for include the British Telecom, Prudential Portfolio Managers, British Gas, Shell, Eurotunnel and Kraft General Foods. I have worked with several of the main economic and strategy consulting organisations based in London including Frontier Economics, Law and Economics Consulting Group and London Economics.

Public Sector

In 2010 I was a member of the panel of independent experts advising the European Commission on priorities for sports funding. I worked for the Performance and Innovation Unit, which advised the UK Prime Minister on policy issues, on the role of government in sport. In 2005 and 2008 I worked for the UK Intellectual Property Office (formerly the Patent Office) on the impact of adopting EU regulations on artists' resale right. I have advised the Norwegian Competition Authority on collective selling of broadcast rights and the Irish competition Authority on competition in refuse collection. In 2004 I became a member of the academic panel of OFCOM. I have worked with UK Civil Aviation Authority (on the regulation of air traffic control) and the Uzbekistan government on competition policy. In 2003 I worked for the Law Commission on the impact of the law on eviction and in 2002 I appeared as an expert witness for HM Customs and Excise on the economics of private secondary education. In 2002 I prepared a report for HM Treasury on the likely impact of adopting international exhaustion in the European Union in relation to trade mark goods and worked for the Office of Trading in connection with an inquiry into horse-racing. I have provided expert testimony provided to the UK Monopolies and Mergers Commission on the merger of UK ferry operations. I have also worked for the BBC on the issue of vertical integration and access technologies for digital broadcast services.

Media appearances

Frequent broadcaster and economics expert on television and radio for the BBC (including the Today Programme, Newsnight, the Six O'Clock News, the Ten O'Clock News, the Financial World Tonight, Business Breakfast, the World at One and various World Service broadcasts), PBS, CNN, MSNBC, Bloomberg, Sky News, Channel 4 and ITV News.

I have written a number of articles for newspapers and magazines including the New York Times, Financial Times, The Times, The Observer and The Guardian, the Washington Post, The Daily Telegraph, the Sports Business Journal, Soccer Analyst. My research has been publicised in these and other publications such as the Economist, Time, the Wall Street Journal, the New York Times, Forbes, the Australian, the Far Eastern Economic Review, the Independent, the Mail on Sunday, the Daily Record.