

MARY S. MORGAN : CV

Department of Economic History,
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Degrees

Ph.D. Economics (1984), London School of Economics. (Published as monograph, CUP)
B.Sc.(Econ) (1st Class) Economics & Economic History (1978), London School of Economics.

Current Positions

Professor of the History and Philosophy of Economics, London School of Economics
(since 1999, Department Chair, Economic History Department, 2002-2005)
Professor of the History of Economics and the Philosophy of Economic Science, Faculty
of Economics and Econometrics, University of Amsterdam (1992-9 half-time)

Main Honours

Elected Fellow of the British Academy, July 2002
Elected Overseas Fellow of the Royal Dutch Academy of Arts and Sciences, May 2002

Major Research Grants

British Academy Wolfson Research Professorship: “Re-Thinking Case Studies Across the
Social Sciences” (Personal Grant, 2009-2012)
Leverhulme Trust/ESRC Programme Grant (£781,150): “The Nature of Evidence: How
Well Do ‘Facts’ Travel?” (Project Leader, 2004-9)
British Academy Research Readership: “Models and Their Making in Economics”
(Personal Grant, 1999-2001)

Visiting Research Fellowships

Princeton University, Shelby Cullom Davis Center, History Department (2010-11)
Minnesota Center for Philosophy of Science, University of Minnesota (June 2009)
Australian National University, Research School of Social Sciences, Canberra (Autumn
2005)
University of Pennsylvania, History and Sociology of Science Department (Spring 2000)
University of California, Berkeley, History of Science Programme, (Fall 1999)
Nuffield College, Oxford, Norman Chester Senior Research Fellow, (Autumn 1997)
Wissenschaftskolleg Berlin, Guest of the Rector (Autumn 1995 and May 1996)
Fulbright/ACLS Fellow, Duke University, Department of Economics (1990-1)
Centre for Interdisciplinary Research, University of Bielefeld (1982-3)

Career Path

London School of Economics, Reader in History of Economics (1994-9).
London School of Economics, Lecturer, Department of Economic History (1988-94)
Duke University, Visiting Assistant Professor, Department of Economics (1987, Fall)
University of York, Lecturer, Department of Economics and Related Studies (1984-7)
London School of Economics, Research Officer, Department of Economics, (1979-82,
& 1983-4)
Bank of England, Exchange Control Department (1978-9)
Citibank, London, Research Assistant to the Economist (1973-5)

Publications (including those at press)

A. Books and Special Issues of Journals

Modelling Practices in the Social and Human Sciences - New Perspectives (Forthcoming 2013) (edited with Till Grüne-Yanoff) Special Issue of *Perspectives on Science*, Vol 21.

The World in the Model (Forthcoming 2012) (Cambridge University Press).

Observing the Economy - Historical Perspectives (Forthcoming 2012) (edited with Harro Maas) *History of Political Economy*, Annual Supplement (Special Issue) to Volume 44, (Duke University Press).

How Well Do Facts Travel? (2011) (edited with W. Peter Howlett) (Cambridge University Press).

The Age of Economic Measurement (2001) (edited with Judy Klein) *History of Political Economy*, Annual Supplement to Volume 33, (Duke University Press).

Empirical Models and Policy Making: Interaction and Institutions (2000) The 10th Anniversary Conference for the Tinbergen Institute; edited with Frank den Butter (Routledge).

Models as Mediators (1999) (with M. Morrison) (Cambridge University Press, *Ideas in Context* Series).

Methodology and Tacit Knowledge: Two Experiments in Econometrics (1999) (with J.R. Magnus) (Wiley).

Empirical Models and Policy Making (1998) (edited with F. den Butter) *Economic Modelling* Special Issue, 15:3.

From Interwar Pluralism to Post-War Neoclassicism (1998) (edited with M. Rutherford), *History of Political Economy*, Annual Supplement to Volume 30, (Duke University Press).

The Experiment in Applied Econometrics (1997) (edited with J.R. Magnus) *Journal of Applied Econometrics* Special Issue, 12:5.

The Foundations of Econometric Analysis (1995) (with D.F. Hendry) (Cambridge University Press; paperback, 1996).

Higgling: Transactors and Their Markets in the History of Economics (1994) (ed with N. De Marchi) *History of Political Economy* Annual Supplement, Vol. 26 (Duke University Press).

The History of Econometric Ideas (1990) (Cambridge University Press; paperback, 1991).

The Probabilistic Revolution. Vol II: Ideas in the Sciences. (1987) (edited with L. Krüger and G. Gigerenzer) (MIT Press; paperback, 1990).

B. Papers: Journal Articles and Book Chapters

(A number of these can be down-loaded from my Department's website at:

<http://www2.lse.ac.uk/economicHistory/home.aspx>)

“Recognising Glass Ceilings and Sticky Floors” (2014 forthcoming) in *Culture without Culturalism*, eds: Evelyn Fox-Keller and Karine Chemla (University of Chicago Press)

“Experiencing Life Through Modelling” (2013 forthcoming) *Perspectives on Science*, 21

“Modelling Practices in the Social and Human Sciences: An Interdisciplinary Exchange” (2013 forthcoming) with Till Grüene-Yanoff *Perspectives on Science*, 21

“Case Studies: One Observation Or Many? Justification Or Discovery?” (2012 forthcoming) *Philosophy of Science*, 79:4

“Observation and Observing in Economics” (2012), with Harro Maas, *History of Political Economy*, Annual Supplement to Volume 44, (Duke University Press).

“Seeking Parts, Looking for Wholes” (2011) *Histories of Scientific Observation*, edited L. J. Daston and E. Lunbeck, University of Chicago Press pp 303-325. (Extended version in *History of Observation Working Paper*, No 1, University of Amsterdam, 2009).

“Travelling Facts” (2011) Chapter 1 in *How Well Do Facts Travel?* edited with W. Peter Howlett (Cambridge University Press), pp 3-39.

“Business Models as Models” (2010) with Charles Baden-Fuller, *Long Range Planning*, 43.2, 156-71.

“‘Voice’ and the Facts and Observations of Experience” (2010) In W.J. Gonzales (ed) *New Methodological Perspectives on Observation and Experiment* (pp 51-69). A Coruña: Netbiblio. (Previously, Working Paper No 31, *The Nature of Evidence: How Well Do Facts Travel?*, Department of Economic History, LSE).

“Models and Modelling in Economics” (2012) with Tarja Knuuttila (in U. Mäki (ed) *Handbook of the Philosophy of Economics* [one volume in *Handbook of the Philosophy of Science*, general editors: Dov Gabbay, Paul Thagard and John Woods] Previously (SSRN 2009).

“Models” (2008) in *The New Palgrave Dictionary of Economics*, 2nd edition, eds: S.N. Durlauf and L.E. Blume (Palgrave Macmillan), online.

“An Analytical History of Measuring Practices: The Case of Velocities of Money” (2007) in *Measurement in Economics: A Handbook*, ed M. Boumans (Elsevier), pp 105-132. [Earlier version online as “Measuring Instruments in Economics and the Velocity of Money”, Working Paper 13, *The Nature of Evidence: How Well Do ‘Facts’ Travel?* project, Department of Economic History, LSE.]

“The Curious Case of the Prisoner’s Dilemma: Model Situation? Exemplary Narrative?” (2007) in A. Creager, M. Norton Wise, and E. Lunbeck *Science Without Laws: Model Systems, Cases, Exemplary Narratives*, (Duke University Press) pp 157-85.

“Reflections on Exemplary Narratives, Cases, and Model Organisms” (2007) in A. Creager, M. Norton Wise, and E. Lunbeck *Science Without Laws: Model Systems, Cases,*

Exemplary Narratives, (Duke University Press) pp 264-74.

“Economic Man as Model Man: Ideal Types, Idealization and Caricatures” (2006) *Journal of the History of Economic Thought* 28:1, March, 1-27.

“Experiments Versus Models: New Phenomena, Inference and Surprise” (2005) *Journal of Economic Methodology*, 12:2, 317-29.

“Simulation: The Birth of a Technology to Create “Evidence” in Economics” (2004) *Revue d’Histoire des Sciences*, 57:2, 341-77.

“Imagination and Imaging in Economic Model-building” (2004) *Philosophy of Science*, 71:5, 753-66.

“Secrets Hidden by Two-Dimensionality: The Economy as a Hydraulic Machine” (2004) with Marcel Boumans in *Models: The Third Dimension of Science* eds: S. de Chadarevian and N. Hopwood, (Stanford University Press) pp 369-401. [Originally, 1998, University of Amsterdam, Research Memorandum No 98.2]

“Business Cycles: Representation and Measurement” (2003) in ed: Dominique Ladiray *Monographs of Official Statistics: Papers and Proceedings of the Colloquium on the History of Business-Cycle Analysis* (Luxembourg: Office for Official Publications of the European Union).

“Economics” (2003) in *The Cambridge History of Science, Volume 7: The Modern Social Sciences*, editors: T. Porter and D. Ross (Cambridge University Press, pp 275-305).

“Experiments Without Material Intervention: Model Experiments, Virtual Experiments and Virtually Experiments” (2003) [University of Amsterdam Research Memorandum (2000)] in *The Philosophy of Scientific Experimentation* ed H. Radder, University of Pittsburgh Press, pp 261-35.

“Timing History: The Introduction of Graphical Analysis in 19th Century British Economics” (2002) with H. Maas, *Revue d’Histoire des Sciences Humaines*, 7, 97-127.

“Model Experiments and Models in Experiments”(2002) in *Model-Based Reasoning: Science, Technology, Values* eds L. Magnani and N.J. Nersessian (Kluwer Academic/Plenum, pp. 41-58.

“How Models Help Economists to Know” (2002) [Commentary on Sutton’s *Marshall’s Tendencies. What Can Economists Know?*] *Economics and Philosophy* 18, 5-16.

“Making Measuring Instruments” in *The Age of Economic Measurement* (2001) (edited with Judy Klein) *History of Political Economy*, Annual Supplement to Volume 33, (Duke University Press, pp 235-251).

“Models, Stories and the Economic World” (2001) *Journal of Economic Methodology* 8:3, 361-84; **Reprinted** in *Fact and Fiction in Economics* (2002) ed U. Mäki (Cambridge University Press, pp 178-201) [Research Memorandum in History and Methodology of Economics, University of Amsterdam, 1999].

“History of Econometrics” (2001) with D. Qin, in N.J. Smelser and P.B. Baltes (eds) *International Encyclopedia of the Social and Behavioural Sciences* (Pergamon, 4065-69).

“*Ceteris Paribus* Conditions: Materiality and the Application of Economic Theories” (2001) (with Marcel Boumans) *Journal of Economic Methodology*, 8:1, 11-26.

“Explanatory Strategies for Monetary Policy Analysis” (2000) in *Macroeconomics and the Real World: Econometric Techniques and Macroeconomics*, eds R.E. Backhouse and A. Salanti, Oxford University Press, pp 141-53.

“Is Data Mining a Methodological Problem?” (2000) Symposium Introduction with Roger E. Backhouse, *Journal of Economic Methodology*, 7:2, 171-82.

“Models as Mediating Instruments” (1999) with M.Morrison (in Morgan and Morrison (1999), pp 10-37).

“Learning from Models” (in Morgan and Morrison (1999) pp 347-88).

“What Makes the Empirical Models-Policy Interaction Successful?” (1998) with F. den Butter, *Economic Modelling*, 15:3, 443-475.

“American Economics: The Character of Transformation” (1998) with M. Rutherford in *The Transformation of American Economics: From Interwar Pluralism to Post-War Neoclassicism, History of Political Economy*, Annual Supplement to Volume 30 (Duke University Press, pp 1-26).

“Models” (1998) in J.B. Davis, D. Wade Hands, and Uskali Mäki (eds) *Handbook of Economic Methodology* (Edward Elgar, pp 316-321).

“Haavelmo's Methodology” (1998) in J.B. Davis, D. Wade Hands, and Uskali Mäki (eds) *Handbook of Economic Methodology* (Edward Elgar, pp 217-220).

“The Technology of Analogical Models: Irving Fisher's Monetary Worlds” (1997) *Philosophy of Science* 64, S304-314.

“Design of the Experiment”; “Organization of the Experiment” and “The Data: A Short Description” (1997) all with J.R. Magnus, in *The Experiment in Applied Econometrics, Journal of Applied Econometrics* Special Issue 12:5 459-465, 467-476, 651-661.

“The Character of Rational Economic Man” (1997) *Dialektik* (special issue *Modelldenken in den Wissenschaften* edited by B. Falkenburg and S. Hauser) 1997:1, 77-94.

“Searching for Causal Relations in Economic Statistics: Reflections from History” (1997) in *Causality in Crisis: The New Debate about Causal Structures* eds: V. McKim and S. Turner (University of Notre Dame Press, pp 47-80).

“Idealization and Modelling” (1996) (A Review Essay) *Journal of Economic Methodology* 3:1, 131-8.

“Evolutionary Metaphors in Explanations of American Industrial Competition” (1995) in *Biology as Society, Society as Biology: Metaphors*, *Sociology of Science Yearbook* 1994, Volume XVIII, eds: S. Maasen, E. Mendelsohn and P. Weingart (Kluwer, pp 311-337).

“The History of Econometrics: Errors and Refutations” (1995) *Econometric Theory* 11, 392-97.

“Empirical Model Particularities and Belief in the Natural Rate Hypothesis” (1995) with J. Kim and N. de Marchi, *Journal of Econometrics*, Annals, Vol 67, 81-102.

“Market Place Morals and the American Economists: the Case of John Bates Clark” (1994) in *Higgling: Transactors and Their Markets in the History of Economics* (edited with N. De Marchi) *History of Political Economy* Annual Supplement to Volume 26 (Duke University Press, pp 229-252).

“Fairness versus Reasoned Efficiency in Exchange” (1994) with N. De Marchi in *Higgling: Transactors and Their Markets in the History of Economics History of Political Economy* Annual Supplement to Volume 26 (Duke University Press, pp 1-21).

“The ET Interview - Professor H.O.A. Wold” (1994) with D.F. Hendry, *Econometric Theory*, 10:3 419-433.

“Competing Views of Competition in Late-Nineteenth Century American Economics” (1993) *History of Political Economy*, 25:4 563-604.

“The Stamping out of Process Analysis in Econometrics” (1991) in *Appraising Economic Theories*, ed N. de Marchi & M. Blaug (Edward Elgar, pp 237-263 and 270-272).

“Perspectives in the History of Econometrics” (1990) *Econometric Theory*, 6, 157-64.

“A Re-Analysis of Confluence Analysis” (1989) with D.F. Hendry, *Oxford Economic Papers*, 41, 35-52; published simultaneously in *The History and Methodology of Econometrics*, Eds: N. de Marchi & C. Gilbert (Clarendon Press).

“Finding a Satisfactory Empirical Model” (1988) in *The Popperian Legacy in Economics*. Ed: N de Marchi (Cambridge University Press, pp 199-211). (**Reprinted** in *The Philosophy and Methodology of Economics* Ed: B. Caldwell (Edward Elgar, 1993).)

“The ET Interview - J. Tinbergen” (1987) with J.R. Magnus, *Econometric Theory*, 3, 117-142 (1987). (**Reprinted**, in *The History of Econometrics* ed A. Darnell (Edward Elgar, 1994).)

“Statistics Without Probability and Haavelmo's Revolution in Econometrics.” (1987) in *The Probabilistic Revolution. Vol II: Ideas in the Sciences*. eds: L. Krüger, G. Gigerenzer & M.S. Morgan (MIT Press, paperback, 1990; pp 171-197). (**Reprinted**, in *The History of Econometrics* ed A. Darnell (Edward Elgar, 1994).)

Work in Progress and Working Papers:

“The Inferential Scope of Facts” (2009) Keynote paper written for the European Philosophy of Science Association Conference.

“‘On a Mission’ with Mutable Mobiles” (2008), Working Paper 34, *The Nature of Evidence: How Well Do ‘Facts’ Travel?* project, Department of Economic History, LSE.

“When Epistemic Genres Clash - What Happens to ‘Facts’?” (2007) Invited Paper for CRASSH workshop on “Cases in Science, Medicine and the Law”.

Professional Service

Scientific Boards: Elections

Philosophy of Science Association, Governing Board, 2003-4, 2005-6
History of Economics Society (American based), Vice-President, President-Elect, and then President, 2002-3, 2003-4 and 2004-5
International Network for Economic Method, Executive Committee, 1996-2004
History of Economics Society (American-based), Executive Committee, 1996-99
Royal Economic Society Council, 1993-98

Scientific Boards: Appointments

British Academy Council 2012-15
British Academy Publications Committee, 2009-
LichtenbergKolleg, Georg-August-Universität, Göttingen, Scientific Board, 2008-
British Academy, Economics and Economic History Section Committee, 2006-11
Royal Economic Society Representative, Economic History Society Council, 1999-2005.
Centre for the Philosophy of the Natural and Social Sciences, LSE, Management Committee, 1990-1998. Steering Committee, 2000 to 2003

Current Journal Editorial Boards

Philosophy of Science, Journal for the History of Economic Thought, Journal of Economic Methodology, History of Political Economy

Refereeing

Journals: *Econometric Theory, Erkenntnis, European Journal for Philosophy of Science, General Philosophy of Science, History of Political Economy; Journal of Economic Methodology, Philosophy of Science; Synthese; etc*
Research Organisations: Danish Independent Research Council, Canadian Research Council, Humboldt Stiftung, United States NSF
Presses: Oxford University Press, Chicago University Press, Princeton University Press, Cambridge University Press, etc

PhD Students (Completed)

At LSE <i>(from Departments of Economic History, and of Philosophy)</i>	At University of Amsterdam <i>(from Faculties of Economics and Econometrics, and of Science Dynamics)</i>
Julia Mensink Peter Cirenzo Aashish Velkar Kerry Hickson Tiago Mata Cristel De Rouvray Julian Reiss Makiko Ito Harrison Marcia Balisciano Roy Edwards Kirtida Parikh Peter McCaffery	Peter Rodenburg Hsiang-Ke Chao Harro Maas Adrienna van den Bogaard Joshua Cohen

Conference Talks and Seminars (last 3 years only):

Regular Seminars at:

Imperial College, History of Science Seminar, London
Duke University, Economics Department
Philadelphia Area History of Science Colloquia
Princeton University, History of Science Colloquia
Princeton University, Davis Seminar, History Department
Cass Business School, Strategy Workshop
Leeds University, History of Science/Business School Joint seminar
Toronto University, History and Philosophy of Science Seminar
Erasmus University, Rotterdam, Econometrics Seminar
LSE Culture and Cognition Seminar
ZEF, Centre for Development Research, Bonn
Duke University, Economics Department

Conference, Workshop and Invited Lectures at:

Reasoning with Cases in the Social Sciences, University of Pittsburgh
Culture Without Culturalism, Les Treilles, France
Fact/Value: Models, Simulations and Representations of Knowledge, University of Chicago
Genealogies of Reasoning Lecture Series, Wesleyan Center for the Humanities
History of Science Society, Cleveland
Philosophy of Science Association, Montreal
Material Culture as Evidence, Reading
British Academy Wolfson Chairs (event at BA)
History of Economics Society, Denver
Emergence of New Sciences, Max Planck Institute for History of Science, Berlin
History of Science Society, Pittsburgh
Places of Knowledge, Cornell University
History of Economics Society, Edinburgh
History of Scientific Observation, Max Planck Institute for History of Science, Berlin
Cultures and Styles of Scientific Practice, Fondation des Treilles, France
The Role and Evaluation of Evidence in Economic Analysis, University of Bologna
Cases in Science, Medicine and the Law, CRASSH, University of Cambridge

Keynote speaker at:

MS5 (Models and Simulations 5th Meeting), Helsinki
Modelling for Policy, British Academy
Communicating Across Cultures, University of South Carolina
Distinguished Lecture, Forum for the History of Human Sciences, Montreal
Symposium on History of Post-War Economics, São Paulo, Brazil
European Philosophy of Science Association, Amsterdam.
Society for the Philosophy of Science in Practice, Minneapolis
Professor Chung-Hsiung Lin Memorial Lectureship, sponsor: Taiwan Economic Assoc.
ScienceFutures, ETH Zurich, Switzerland
Enquiry, Evidence and Facts: An Interdisciplinary Conference, British Academy.
75th Anniversary of the Economic Institute, University of Oslo