

## PAUL DUGUID

### CV 4/2021

#### Positions

- 2005—present Adjunct Full Professor, School of Information,  
University of California, Berkeley
- 2005—2015 Honorary Research Fellow  
Institute for Entrepreneurship & Enterprise Development  
Lancaster University
- 2014 Professeur des Universités Invité, IAE, Université Lille 1, Lille, France
- 2008—2012 Visiting Research Fellow in Business History,  
School of Management, York University, UK
- 2005—2012 Professorial Research Fellow (half time)  
Queen Mary, University of London
- 2005—2006 Visiting Fellow, Center for Science, Technology, and Society  
Santa Clara University
- 2002—2003 Visiting Professor (part time), Organizational and Industrial Sociology,  
Copenhagen Business School
- 2003 Maître de Recherche, École Polytechnique  
Centre du Recherche en Gestion, Paris
- 1992—2004 Research Specialist, Social and Cultural Studies in Education,  
University of California, Berkeley
- 1988—2001 Consultant Researcher, Xerox Corporation Palo Alto Research Center  
Palo Alto, California
- 1987—1990 Research Scientist, Institute for Research on Learning  
Palo Alto, California
- 1981—1987 Senior Editor, Granville Publishing, London

#### Books

- The Social Life of Information*, with J.S. Brown, Boston, MA: Harvard Business School Press  
First Edition, 2000  
Second Edition, 2001  
Third Edition, *with new introduction*, 2017

[Chapters available online at [www.sociallifeofinformation.com](http://www.sociallifeofinformation.com)]

- listed by Tom Davenport in *Wall Street Journal* May 2011 as "an essential book for managers making sense of information" and by Anthony Grafton in *New York Review of Books* December 2010 as a milestone for historical scholarship

- Italian edition: *La Vita Sociale dell'Informazione: Miti e Realite nell'Era di Internet*. with preface by Carlo Formenti, (trans. Giovanni Negro) Bologna: Segretariato Europeo per le Pubblicazioni Scientifiche (SEPS), 2001
- Brazilian edition: *A Vida Social da Informação* (trans. Celso Roberto Paschoa) São Paulo: Makron Books Ltda, 2001
- Dutch edition: *De Waarde van Informatie*, Amsterdam: Financial Times/Prentice Hall, 2000.
- Korean edition, Seoul, South Korea: Keorum Publishing, 2001
- Chinese edition (complex characters), Taiwan: Prophet Press, 2001.
- Chinese edition (simplified characters), Hong Kong: The Commercial Press, 2004.
- Japanese edition, Tokyo: Nikkei Publishing, 2002.

### **Edited Books**

- Information: A Historical Companion*, co-editor with Ann Blair, Anja Goeing, & Anthony Grafton. Princeton: Princeton University Press, 2021
- Trademarks, Brands, and Competitiveness*, co-editor with T. Silva Lopes, London: Routledge, 2010

### **Recent articles, chapters, etc.**

- Introduction in *Information: A Historical Companion*, Ann Blair, Paul Duguid, Anja Goeing, & Anthony Grafton, eds. Princeton: Princeton University Press, 2021
- Communication, Computation, and Information: Connecting the Dots. Chapter 12 in *Information: A Historical Companion*, Ann Blair, Paul Duguid, Anja Goeing, & Anthony Grafton, eds. Princeton: Princeton University Press, 2021
- Early Marks: American Trademarks before US Trademark Law. *Business History*, 2018 60(8): 1145-1168.
- The Ageing of Information. *Journal of the History of Ideas*, 2015 76(3): 347-368. Winner of the 2015 Selma V. Forkosch Prize for the best article in this journal.
- De Londres à Porto: Une Description du Marché du Vin au XVIIIème Siècle." *Gerer et Comprendre*--special issue "Décrire les marchés, un impératif scientifique" 2015 119: 13-21.
- Information in the Mark and Marketplace: A Multivocal Account. *Enterprise and Society*, 2014 15(1): 1-30.
- California Marking & Collective Amnesia. *University of California Davis Law Review*, 2013 47(2): 581-600.
- Controlling Knowledge: On Catherine Fisk's *Working Knowledge*, *Le Libellio d'Aegis* 2013 9(2): 5-11.
- On Rereading: Suchman and Situated Action, *Le Libellio d'Aegis* 2012 8(2): 3-11.

A Case of Prejudice? The Uncertain Development of Collective and Certification Marks, *Business History Review*, 2012 86(2):311-333.

Behind the Brand [Introduction to special section on trademark history], with T. Silva Lopes, *Business History Review*, 2012 86(2): 235-238.

Publishing in Chains: Scholarly Serials, Supply Chains, and Certification, *The Serials Librarian*, 62(1-4): 47-58.

O Render da Guarda: Firmas britânicas no comércio do vinho do Porto de 1777 a 1840 in G.M. Pereira, ed., *A História do Douro e do Vinho do Porto vol 4 Crise e Reconstrução. O Douro e o Vinho do Porto no Século XIX*, Porto: Afrontamento, 2011

Marques frontières, *Le Libellio d'Aegis*, 2011 7: 3-13

### Republished articles etc.

French Connections: The Propagation of Trade Marks in the Nineteenth Century. *Enterprise & Society*, 2009 10(1): 3-37  
Winner of the first Mira Wilkins Prize for the best article on International and Comparative History, 2010

republished in

Oren Bracha, *The History of Intellectual Property Law*. Edward Elgar, 2018.

Re-engineering the Future: A Response to Bill Joy, with J.S. Brown. *The Industry Standard* 2000 (April 24)

republished in

Gary E. Marchant & Wendell Wallach, *Emerging Technologies* Chicago University Press, forthcoming 2015

Albert H. Teich, Stephen D. Nelson Celia McEnaney & Stephen J. Lita, eds., *AAAS Science and Technology Policy Yearbook* 2001.

“The Art of Knowing”: Social and tacit dimensions of knowledge and the limits of the community of practice. *The Information Society* 2005 21(2): 109-118

republished in

D. W. Livingstone and David Guile, eds., *The Knowledge Economy and Lifelong Learning: Critical Perspectives*. Rotterdam: Sense, Publishers 2012

Ash Amin and Joanne Roberts, eds., *Organizing for the Creative Economy: Community, Practice, and Capitalism*. Oxford: Oxford University Press, 2008: 69-89.

Knowledge and Organization: A Social Practice Perspective, with J.S. Brown. *Organization Science* 2001 12(2): 198-213

republished in

*Fundamentals of Human Resource Development*, ed Davide McGuire & Larry Dooley, London: Sage, 2011

*Innovation and Knowledge Management*, ed N. Anderson and Ana Cristina Costa, London: Sage, 2010

*Knowledge and Learning in the Firm*, ed B. Nooteboom, London: Edward Elgar, 2006.

Structure and Spontaneity: Knowledge and Organization, with J.S. Brown. In Ikujiro Nonaka & David Teece, eds., *Managing Industrial Knowledge: Creation, Transfer, and Utilization*, Thousand Oaks, CA: Sage Publications, 2001: 44-67

republished in Portuguese as

Estrutura e Espontaneidade: Conhecimento e Organização, trans A. Brandão. In M.T. Fleury & M. Oliveira, eds, *Gestão, Estratégica do Conhecimento: Integrando Aprendizagem, Conhecimento e Competências*. São Paulo, Brazil: Editora Atlas SA, 2001: 50-85.

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*Reflections: The SoL Journal* (with commentaries by Wanda Orlikowski and Etienne Wenger) 1999 (1) 2: 28-44

*Knowledge, Learning, & Routines*, eds. Nathalie Lazaric & Edward Lorenz, Cheltenham, UK: Edward Elgar, 2002.

The University in the Digital Age, with J.S. Brown, *Change: Journal of the American Association of Higher Education* 1996 (July/August): 11-19

republished in

*The Mirage of Continuity: Reconfiguring Academic Information Resources for the 21st Century*, ed. B. Hawkins and P. Battin, Washington D.C.: Association of American Universities and Council on Library and Information Resources, 1998: 39-60.

Keeping it Simple, with J.S. Brown. In T. Winograd, ed., *Exploring Software Design*, Addison-Wesley, 1996: 129-145

translated into Japanese, 1997.

Material Matters: The Past and the Futurology of the Book. In *The Future of the Book*, G. Nunberg, ed. Brussels, Belgium: Brepols, Berkeley, CA: University of California Press, 1996: 63-102

extract in,

*The Book History Reader*, ed. David Finkelstein, London: Routledge, 2006.

The Social Life of Documents, with J.S. Brown. *Release 1.0* special issue. Available in Hungarian at the Hungarian Electronic Library ([gopher://gopher.mek.iif.hu](http://gopher://gopher.mek.iif.hu))

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*First Monday* 1996 1(1)

*Writing Materials*, ed. E. Tribble and A. Trubek, New York: Longman, 2002.

Practice at the Periphery: A reply to Steve Tripp, with J.S. Brown. *Educational Technology*, 1994 34(8): 9-11

republished in

*Perspectives on Situated Learning*, ed. H. McLellan, New Jersey: Education Technology Books, 1995: 169-174.

Stolen Knowledge, with John Seely Brown. *Educational Technology* 33(3): 10-15, 1993

republished in

*Perspectives on Situated Learning*, ed. H. McLellan, New Jersey: Education Technology Books, 1995: 47-56.

Organizational Learning: Towards a Unified View of Working, Learning, and Innovation, with J.S. Brown. *Organization Science* 1991 2(1): 40-57

republished in

*Innovation and Knowledge Management*, ed N. Anderson and Ana Cristina Costa, London: Sage, 2010

*Organizational Learning and Knowledge Management*, ed., William H. Starbuck, Cheltenham, UK: Edward Elgar, 2008

*Knowledge and Learning in the Firm*, ed B. Nooteboom, London: Edward Elgar, 2006

*Organizational Learning: Perspectives and Practices*, ed. Bhaskar Basu, Hyderabad; ICFA University Press, 2006

*Management of Innovation*, ed. John Storey. Cheltenham (UK): Edward Elgar, 2004

*Networks*, ed Gernot Grabher & Walter Powell, Cheltenham (UK): Edward Elgar, 2004

*Knowledge and Communities*, ed. Eric Lesser, London: Butterworth-Heinemann, 2000: 99-122

*Organizational Learning*, ed. Michael Cohen & Lee Sproull, Thousand Oaks, CA: Sage Publications, 1996: 58-83

*New Thinking in Organizational Theory: From Social Engineering to Reflective Action*, ed. Haridimos Tsoukas, London: Heinemann, 1994: 165-187

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*I Contesti Sociali Dell'Apprendimento: Acquisire Conoscenze a Scuola, Nel Lavoro, Nella Vita Quotidiana*, ed. Clotilde Pontecorvo, Anna Ajello, Cristina Zucchermaglio, Milan, Italy: Edizioni Universitarie di Lettere Economia Diritto, 1995: 327-354.

Situated Cognition and the Culture of Learning, with J.S. Brown and A. Collins. *Education Researcher*, 18 [1]: 32-42 1989

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*Classic Writing on Instructional Technology*, ed. Donald P. Ely. New York: Libraries unlimited, 1996

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**Articles, chapters, by date published.**

- Introduction in *Information: A Historical Companion*, with Ann Blair, Paul Duguid, Anja Goeing, & Anthony Grafton. Princeton: Princeton University Press, 2020
- Communication, Computation, and Information: Connecting the Dots. Chapter 12 in *Information: A Historical Companion*, with Ann Blair, Paul Duguid, Anja Goeing, & Anthony Grafton. Princeton: Princeton University Press, 2020
- Early Marks: American Trademarks before US Trademark Law. Business History*, 2018 60(8): 1145-1168.
- Introduction, with J.S. Brown in *The Social Life of Information*, with J.S. Brown, Boston, MA: Harvard Business School Press Third Edition, 2017
- The Ageing of Information. *Journal of the History of Ideas*, 2015 76(3): 347-368. Winner of the 2015 Selma V. Forkosch Prize for the best article in this journal.
- Making Sense of the Systems of Scientific Management, *Le Libellio d'AEGIS*, 11(4): 5-9.
- De Londres à Porto: Une Description du Marché du Vin au XVIIIème Siècle." *Gerer et Comprendre*--special issue "Décrire les marchés, un impératif scientifique" 2015 119: 13-21
- Information in the Mark and Marketplace: A Multivocal Account. *Enterprise and Society*, 2014 15(1): 1-30.
- California Marking & Collective Amnesia. *University of California Davis Law Review*, 2013 47(2): 581-600.
- Controlling Knowledge: On Catherine Fisk's *Working Knowledge*, *Le Libellio d'Aegis* 2013 9(2): 5-11
- On Rereading: Suchman and Situated Action, *Le Libellio d'AEGIS* 2012 8(2): 3-11
- A Case of Prejudice? The Uncertain Development of Collective and Certification Marks, *Business History Review*, 2012 86(2):311-333
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- O Render da Guarda: Firmas britânicas no comércio do vinho do Porto de 1777 a 1840 in G.M. Pereira, ed., *A História do Douro e do Vinho do Porto vol 4 Crise e Reconstrução. O Douro e o Vinho do Porto no Século XIX*, Porto: Afrontamento, 2011
- Marques Frontières, *Le Libellio d'Aegis*, 2011 7: 3-13

- Introduction: Brands and Competitiveness, with T. Silva Lopes, in T. Silva Lopes and P. Duguid, eds., *Trademarks, Brands, and Competitiveness*, London: Routledge, 2010
- Brands in Chains, in T. Silva Lopes and P. Duguid, eds., *Trademarks, Brands, and Competitiveness*, London: Routledge, 2010
- Reading Registrations: An Overview of 100 Years of Trade Mark Registrations in France, the United Kingdom, and the United States, with T. Silva Lopes & J. Mercer., in T. Silva Lopes and P. Duguid, eds., *Trademarks, Brands, and Competitiveness*, London: Routledge, 2010
- Search before *grep*: A Progress from Open to Closed? in Konrad Becker & Felix Stalder, eds., *Deep Search*, Vienna: Studienverlag, 2009  
in German as
- Die Such vor *grep*: Ein Entwicklung von Geschlossenheit zu Offenheit? n Konrad Becker & Felix Stalder, eds., *Deep Search: Politik des Suchens jenseits von Google*. Innsbruck: StudienVerlag, 2009
- French Connections: The Propagation of Trade Marks in the Nineteenth Century. *Enterprise & Society*, 2009 10(1): 3-37  
Winner of the first Mira Wilkins Prize for the best article on International and Comparative History, 2010
- The Community of Practice Then and Now in Ash Amin and Joanne Roberts, eds., *Organizing for the Creative Economy: Community, Practice, and Capitalism*. Oxford: Oxford University Press, 2008: 1-10
- Shifting Patterns in Marks and Registration: France, the United States and United Kingdom, 1870-1970. CGR Working Paper 21, Center for Globalization Research, Queen Mary, University of London, 2017.
- Inheritance or Loss: A Brief Survey of Google Books. *First Monday*, 2007 12(8)
- Awards as Norms. response to Bruno Frey, "Awards as Compensation." *European Management Review*, 2007 4: 15-18
- The Douro and Its Wine in the English Imagination in G. M. Pereira & P.M. Leal, eds. *O Douro Contemporânea*. Porto, 2006.
- What Talking Tells Us, *Organization Studies*, 2006 27(12): 1794-1804
- Limits of Self-Organization: Peer Production and the "Laws of Quality". *First Monday*, 2006: 11(10)
- Untidy or Untractable? G.B. Richardson's View of Economics. *Le Libello d'AEGIS*, 2005: 2-6
- Introduction [to special issue on wine and networks], *Business History Review*, 2005 79(3): 453-466
- Networks and Knowledge: The Beginning and End of the Port Commodity Chain, 1703-1860, *Business History Review*, 2005 79(3): 499-526  
Winner of the Newcomen-Harvard Article award for 2005
- Comprendre l'Innovation: Le Chaînon Manquant. [Debate with Richard Lester and Antonio Strati] *Gerer et Comprendre: Série des Annales des Mines*, 2005 81: 70-72
- "The Art of Knowing": Social and tacit dimensions of knowledge and the limits of the community of practice. *The Information Society* 2005 21(2): 109-118

republished in  
D. W. Livingstone and David Guile, eds., *The Knowledge Economy and Lifelong Learning: Critical Perspectives*. Rotterdam: Sense, Publishers 2012

and in

Ash Amin and Joanne Roberts, eds., *Organizing for the Creative Economy: Community, Practice, and Capitalism*. Oxford: Oxford University Press, 2008: 69-89

Brands and Supply Chains: Governance before and after Chandler. In H. Dumez, ed., *Contradictions et Dynamique des Organisations*. Paris: L'Harmattan, 2005: 329-369

The Methuen Treaty in the English Imagination. *Historia*, 2004 3(4): 9-36

"PG Tips" [a critique of Project Gutenberg and ideas of the Web as a universal library] *Times Literary Supplement* June 11, 2004

Developing the Brand: The Case of Alcohol, 1800-1880. *Enterprise & Society*, 2003 4(3): 405-441

Links and Lugares da Memória: The Douro's Historic Distributed Commercial Archive. In F. de Sousa, ed., *Os Arquivos da Vinha e do Vinho no Douro*. CEPESE: Porto, 2003: 113-123

In Vino Veritas? Introduction to M. Kenney & R. Florida, eds., *Locating Global Advantage: Industry Dynamics in a Globalizing Economy*. Palo Alto, CA: Stanford University Press, 2003: xiii-xxxi

Local Knowledge: Innovation in the Networked Age, with J.S. Brown. *Management Learning* (Special issue on Knowledge-Based Perspectives on Organization, H. Tsoukas, ed.), 2002 33(4): 427-438.

The Social Life of Legal Information: First Impressions, *First Monday* 2002 7(9)

Divide and Rule: Regulation in the Port Wine Trade, 1812-1840, with Teresa Silva Lopes. In T. Gourvish, ed., *Business History Year Book 3*, Aldershot, UK: European Society for Business History, 2001: 1-24

Tudo em Detalhes: Instantâneos sobre o Comércio de Vinho do Porto entre 1777 e 1786. *O Douro*, 2001 10: 45-72

Knowledge and Organization: A Social Practice Perspective, with J.S. Brown. *Organization Science* 2001 12(2): 198-213

republished in  
*Fundamentals of Human Resource Development*, ed Davide McGuire & Larry Dooley, London: Sage, 2011

*Innovation and Knowledge Management*, ed N. Anderson and Ana Cristina Costa, London: Sage, 2010

*Knowledge and Learning in the Firm*, ed B. Nooteboom, London: Edward Elgar, 2006

Creativity Versus Structure: A Useful Tension, with John Seely Brown. *Sloan Management Review* 2001 42(4): 93

Don't Count Society Out, with John Seely Brown. In Peter J. Denning, ed., *Invisible Future*, New York: McGraw-Hill 2001: 117-144

Technology, Markets, & the New Political Economy of Higher Education, with Sheila Slaughter & Jeffrey Kittay. *Liberal Education* 2001 87(2): 6-17



- A Response to Bill Joy and the Doom-and-Gloom Technofuturists, with John Seely Brown. In Albert Teich, Stephen Nelson, Celia McEnaney, & Stephen Lita, eds., *AAAS Science and Technology Policy Yearbook 2001*, Washington DC, American Association for the Advancement of Science, 2001: 77-84
- Structure and Spontaneity: Knowledge and Organization, with J.S. Brown. In Ikujiro Nonaka & David Teece, eds., *Managing Industrial Knowledge: Creation, Transfer, and Utilization*, Thousand Oaks, CA: Sage Publications, 2001: 44-67
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Estrutura e Espontaneidade: Conhecimento e Organização, trans A. Brandão. In M.T. Fleury & M. Oliveira, eds, *Gestão, Estratégica do Conhecimento: Integrando Aprendizagem, Conhecimento e Competências*. São Paulo, Brazil: Editora Atlas SA, 2001: 50-85
- Risiken der Information: Eine Gesellschaftskritik des informationszeitalters. *GDI-Impuls* 4, 2000 (November), 22-29
- Limits to Information, with John Seely Brown. *Educause* 2000 6(35): 74-87
- Mysteries of the Region: Knowledge Dynamics in Silicon Valley, with John Seely Brown. In Chong-Moon Lee, William Miller, Henry Rowen, & Marguerite Hancock, eds. *The Silicon Valley: A Habitat for Innovation and Entrepreneurship*. Stanford, CA: Stanford University Press, 2000: 16-39
- Balancing Act: How to Capture Knowledge Without Killing it, with J.S. Brown. *Harvard Business Review* 2000 (May-June): 73-80
- Re-engineering the Future: A Response to Bill Joy, with J.S. Brown. *The Industry Standard* 2000 (April 24)
- to appear in Gary E. Marchant & Wendell Wallach, *Emerging Technologies* Chicago University Press, forthcoming 2015
- republished in Albert H. Teich, Stephen D. Nelson Celia McEnaney & Stephen J. Lita, eds., *AAAS Science and Technology Policy Yearbook 2001*.
- Practice Makes Process, with J.S. Brown. *CIO* 2000 (March 1)
- O Vintage antes do Vintage. *O Douro* 1999 8(2): 51-73
- Ambiguous Company: Institutions and Organizations in the Port Wine Trade, 1814-1834, with Teresa Silva Lopes. *Scandinavian Economic History Review*, special issue on Institutional Theory and Business History, Mary Rose & Sverre Knutson eds. 1999 47(1): 83-102
- The Company You Keep: The Port Trade and the Decline of the Wine Company, with Teresa Silva Lopes. In A. Vieira, ed., *Os Vinhos Licorosos e a História*. Funchal, Madeira: Centro de Estudos de História do Atlântico, 1999: 285-309
- Organizing Knowledge, with J.S. Brown, *California Management Review* Spring, 1998 40(3): 90-111
- republished in  
*Reflections: The SoL Journal* (with commentaries by Wanda Orlikowski and Etienne Wenger) 1999 (1) 2: 28-44  
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- Organizing Knowledge, with J.S. Brown. In P. Lloyd & P. Boylan, eds., *Web-Weaving: Intranets, Extranets, and Strategic Alliances*. Oxford, UK: Butterworth-Heinemann, 1998: 29-46

- Digital Libraries: Report of the Santa Fe Planning Workshop on Distributed Knowledge Work Environments, with Dan Atkins Ann Arbor, MI: University of Michigan School of Information, 1997
- Lavradores, Exportadores, Comissários, e Capitalistas: Os Componentes da Região do Vinho do Porto, *O Douro* 1996 1(2): 201-224
- The University in the Digital Age, with J.S. Brown, *Times Higher Education Supplement* 1996 (May 10, Multimedia Supplement): iv-vi
- The University in the Digital Age, with J.S. Brown, *Change: Journal of the American Association of Higher Education* 1996 (July/August): 11-19  
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- A Produção de Famílias: O Comércio na História, with Jean Lave. *O Douro* 1996 1(1): 97-120
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*Perspectives on Situated Learning*, ed. H. McLellan, New Jersey: Education Technology Books, 1995: 169-174
- Borderline Issues, with J.S. Brown. *Human-Computer Interaction*, 9 (1)(1994): 3-36, invited paper for special issue on 'context in design' with 25 commentaries by scholars and critics
- Patrolling the Border: A reply to our critics, with J.S. Brown. *Human-Computer Interaction* 1994 9(1): 137-149
- Technology Design for Democratic Practice: Towards informed participation, with J.S. Brown and S. Haviland. Washington, D.C.: Aspen Institute Report, 1994. *Aspen Quarterly* 1994 (fall)
- Rethinking the Border in Product Design: An exploration of central and peripheral relations in practice, with J.S. Brown. In S. Yelavich, ed., *The Edge of the Millennium: An International Critique of Architecture, Urban Planning, Product, and Communication Design*. New York: Whitney Library of Design, 1993
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## Encyclopaedia articles:

Porto. *History of World Trade Since 1450*, John J. McCusker, ed. New York: Macmillan Reference, 2005

Sociocultural Perspectives. *Encyclopedia of Distributed Learning*, Anna Di Stefano, Kjell Erik Rudestam, Robert J. Silverman, eds. Thousand Oaks, CA: Sage, 2004

Communities of Practice. *Encyclopedia of Community: From the Village to the Virtual World*. Karen Christensen & David Levinson, eds. Thousand Oaks, CA: Sage, 2003

### Recent newspaper articles and reviews:

Storm Clouds: The Persisting Problems of Sexism in Tech. Review of Ellen K. Pao, *Reset* and Marie Hicks, *Programmed Inequality*. *TLS*, May 15, 2018

Information Empires, Attention Masters, and the Public Sphere. Review of Tim Wu, *The Attention Merchants: The Epic Scramble to Get inside Our Heads*. *Le Libellio à Aegis*. 13(1): 21-29. 2017

Freedom with Information. Review of James Cortada, *All the Facts*. *TLS* September 28, 2016.

Symposium on Libraries,. *The Threepenny Review*, Winter 2014

Bibliolatry and Its Discontents. Review of Andrew Piper, *Book Was There*, and Leah Price, *How to Do Things With Books*. *The Threepenny Review*, Winter 2013

Martial's Modern Arts. Review of John B. Thompson, *Merchants of Culture*; Irving Louis Horowitz, *Publishing as a Vocation*; Jacques Bonnet, *The Phantom on the Bookshelves*. *TLS* Feb 23, 2011

Review of Adrian Johns, *Piracy: The Intellectual Property Wars from Gutenberg to Gates*. *Business History Review*, 2011 85(2): 381-3

Spin Cycle. Review of Tim Wu, *The Master Switch* & Kevin Kelly, *What Technology Wants*. *Nation*, 2011 292(2-3): 33-35

Review of Catherine Fisk, *Working Knowledge*. *Business History Review*, 2011 85(1): 211-214

Switching About. Review of Nicholas Carr, *The Shallows*. *TLS* October 2010

Privacy Degree Zero. Review of Daniel Solove, *Understanding Privacy*. *Nation* 2010 290 (13): 30-22

Heaven Knows. Review of Victor Mayer-Schönberger, *Delete*. *TLS* November 2009

Saving Paper. Review of Gary Hall, *Digitize this Book*. *TLS* July 2009

After Entropy. Review of Clay Shirky, *Here Comes Everybody*. *TLS* May, 2008

Review of Charles Woolenber, *Berkeley: A City in History*. *TLS* March, 2008

Review of Malcolm Jack, *Lisbon, City of the Sea*. *TLS* February 22, 2008

Is the Web a Threat to Culture? Review of Andrew Keen, *The Cult of the Amateur: How Today's Internet is Killing Our Culture*. *TLS* September 12, 2007

Netting Out. Review of Fred Turner, *From Counterculture to Cyberculture*. *TLS* November 10, 2006

Netizens Awake. Review of Yochai Benkler, *Wealth of Networks*. *TLS* July 7, 2006

Bodoni Bold. Review of Umberto Eco, *The Mysterious Flame of Queen Loana*. *TLS*, June, 2005

Lots of Copies. Review of James Raven, *Lost Libraries: The Destruction of Great Book Collections Since Antiquity*. *TLS* July 16, 2004

Review of Christy Campbell, *Phylloxera: How Wine Was Saved for the World*. *TLS* March 26, 2004

A Suitcase Heading for Mars. Review of Francis Spufford, *Backroom Boys*. *TLS* November 7, 2003

Swiss Roles and Megabytes. Review of Georgina Ferry, *A Computer Called LEO*. *TLS* April 11, 2003

Getting and Spending. Review of Paul Delaney, *Literature, Money, and the Market: From Trollope to Amis*. *TLS* December 10, 2002

Mind the Gap. Review of Yvonne Dittrich, Christiane Floyd, and Ralf Klischewski (eds.), *Social Thinking—Software Practice, Ubiquity*-the ACM's Magazine and Forum August, 2002

Journey's End. Review of Colin Thubron, *To the Last City*. *TLS* July 5, 2002

An Adventuress. Review of Eça de Queiroz, *The Tragedy of the Street of Flowers*. *TLS* November 20, 2000

After All the Shouting, a Napster Compromise Seems Likely, Opinion page article. *San José Mercury* July 24, 2000

Goodbye to the Englishman's Wine. Review of R. Mayson, *Port and the Douro* and H. Oldenburg, *Port*. *TLS* May 26, 2000

Net or Spider's Web. Review of L. Lessig, *Code and Other Laws of Cyberspace*. *TLS* March 24, 2000

Nameless Virtues. Review of José Saramago, *Todos os Nomes*. *TLS* October 15, 1999

Letter from São Paulo. *TLS* October 1, 1999

Computers and translation. *Threepenny Review* June, 1997

Missing. Review of Fred Inglis, *Raymond Williams*. *Nation* March 11, 1996

Other articles and reviews in *San Francisco Chronicle*, *San Francisco Review of Books*, *TLS*

## Research awards

2014	Professeur des Universités Invité, Université Lille 1, Lille, France
2010--2011	Portuguese Studies Program, Faculty Research Grant
2009—2010	France-Berkeley Fund
2006—2009	ESRC, UK Reassessing the Mark: A Historical View of Trademarks and British Competitiveness with Teresa da Silva Lopes, Queen Mary, University of London

2004—2005	ESRC/SSRC Visiting Fellowship Grant
2003	Maitre de Recherche, Ecole Polytechnique, Paris
2001—2002	Fellow, Center for the Public Domain
1995—1998	National Endowment for the Humanities, Washington D.C. Collaborative Grants Division Producing Families: Trading in History, with Jean C. Lave
1995—1998	Fundação Luso-American, Portugal Producing Families: Trading in History, with Jean C. Lave

### **Recent teaching**

2009—2020	Concepts of Information (until 2019 with Geoffrey Nunberg), graduate course School of Information, U.C. Berkeley--core course for PhD program
2006—2021	The History of Information (until 2019 with Geoffrey Nunberg), undergraduate course, U.C. Berkeley
2007-2019	Legal Information and Information Theory, annual class taught in Advanced Legal Research course, UC Berkeley School of Law
2018	From the Classics to the Practice of Organizational Learning and Education, Department of Education, Aarhus University
2006—2020	Doctoral Colloquium, graduate course, School of Information, U.C. Berkeley (alternate years)
2015-2020	Teaching Assistant Practicum, School of Information, U.C. Berkeley
2016, 2017	The Information Society, with Ashwin Mathew, School of Information, U.C. Berkeley.
2014	Social, Network, & Social Networks, School of Information, U.C. Berkeley
2014, 2017	Social and Organizational Issues of Technology, graduate course, School of Information, U.C. Berkeley
2013	What Theory Matters, with Jean Lave, graduate course, School of Information, U.C. Berkeley
2004—2007	The Quality of Information, with Geoffrey Nunberg, graduate course, School of Information, U.C. Berkeley
2008-2014	Politics of Piracy (DeCal faculty supervisor), U.C. Berkeley

### **Recent talks, interviews, presentations**

- When R meets D: The Social Life of Innovation. What is Research? Workshop. Max Planck Institute for the History of Science, Berlin, June 12-13, 2019
- Connecting the Dots: *Information* in Historical Perspective. Invited Keynote. International Society for the Study of Information. Berkeley, June 2, 2019
- Towards a Surveillance Society? Thinking with and about Technology. Invited Presentation, Technology and the Human Future. *New York Review of Books*, Oslo, October 20-21, 2016.

Making Sense of Economics. Invited Presentation, What's Wrong with the Economy--and with Economics? *New York Review of Books*. New York, March 14-15, 2015

Open Source Beyond Software: The ideology of FLOSS. IAE, Université Lille 1, June 19, 2014

*Information*: A keyword and hazardous concept. IAE, Université Lille 1, June 17, 2014

Information & Liberation. Stanford Lib Tech Seminar Series, Stanford University, November 6, 2014

When Was the Information Age? Inaugural Paul Otlet Lecture. University of Illinois, May 5, 2014

The Ageing of Information. History Colloquium. Berkeley, April 30, 2014

Getting Information from Books. Book History Seminar. Harvard, Feb 4, 2014

Practice of Port(o). Invited Presentation, Describing Markets Symposium, Ecole Polytechnique, Paris, October 4, 2013

Dated Data? Empirical Contributions of Historical Trademark Registrations, 1860-1906. Empirical Studies of Trademark Data, United States Patent and Trademark Office, Washington DC, September 25-26, 2013

Brands in Chains & the Multiple Voices of the Mark. Invited Presentation, "Historicizing Intellectual Property," Hagley Museum & Library, May 16, 2013

California Marking: Collective Marks and Collective Amnesia. "Brand New World" University of California, Davis, October 5, 2012

Of an Age or for All Time? Conflicts in the History of "Information" Invited contribution to American Historical Association plenary session: "How to Write a History of Information: Session in Honor of Peter Burke." Chicago, January 5, 2012

"Great Tradition" or "Great Transformation": Reading Trends in Media History. Invited keynote. Australia Media Traditions 2011: Trends, Traditions, and Transformations. Melbourne Australia, November 22, 2011

Scholarship, Scholarly Resources, and Scholarly Practice in the 21st Century. Invited keynote. American Research Libraries Forum: 21st-Century Collections and the Urgency of Collaborative Action. Washington, DC, October 14, 2011

Material Matters, invited presentation, Teagle Workshop: "What is a reader?" Berkeley, June 9, 2011

Publishing in Chains: Scholarly serials, supply chains, and certification. Keynote address, NASIG, St Louis, June 4, 2011

Marks for Knowledge: Property and perpetuity. Business History Conference, St Louis, April 1, 2011

California Marking. Asia-Pacific Economic and Business History Conference, Berkeley, Feb 20, 2011

Stabilizing Information. I-School Conference, Seattle, February 9 2011

The World According to Grep. Invited presentation, Why Books? Radcliffe Institute, Harvard, October 29, 2010

To Your Marks: Aspects of Pharmaceutical History in the Trademarks Registers, 1860-1900. Pharmaceuticals in Historical Context, Madison, WI, Oct 23, 2010

Marques Frontières. Aegis Seminar, École Polytechnique, Paris, Sept 10, 2010

Trade Marks, Innovation, and the Union Label, "A New Kind of Property", Trade Mark Workshop, York, UK, November 19, 2009

C is for .... D is for Digitize Conference, New York University Law School, October 9, 2009

To Your Marks; Trade Marks in the Evolution of Modern Pharmaceutical Marketing, with Teresa da Silva Lopes. Association of Business Historians Conference, Liverpool, Friday July 3, 2009

Marksmanship: Service Marks and Union Labels. Business History Conference/European Business History Association, Milan, June 12, 2009

Books in Chains. The Coulter Lecture. California Library Association. San José, November 16, 2008

The World According to Grep. Deep Search, World Information Forum Conference, Vienna, November 8, 2008

The World According to Grep. Readex Digital Institute, October 9, 2008

Transactions and Iterations: Preliminary Reflections on 100 Years of Trade Mark Registration Data. European Business History Conference, Bergen, August 23, 2008

Call This Progress? The Uncertain Path of US Trade Mark Law and Practice in the Nineteenth Century. Business History Conference, Sacramento, April 11, 2008

French Connections: Trade Marks and Comparative Analysis. Global Trends and Comparative Analysis Workshop, Centre for Globalization Research, Queen Mary, University of London, May 9, 2008.

Call this Progress, with Ross Housewright & Andrew McDiarmid. Business History Conference, Sacramento, April, 2008.

Driving or Driven? A View from the Other Side of the Counter/Keyboard. Innovative Interfaces, Oakland CA, March 26, 2008.

An Open and Shut Debate? The Culture of Web 2.0 in Historical Context. The ISI Samuel Lazerow Memorial Lecture. University of Arizona, March 13, 2008

Coming Together or Pulling Apart: W(h)ither Web 2.0? Innovative Interfaces, Directors' Symposium, Oakland, CA, March 6, 2008.

Community of Practice as Wonderwort. Professorial Inaugural Lecture, Queen Mary, University of London, January 22, 2008

Morbid Symptoms: The Reconstruction of Authority in the Digital World. Invited Panel, American Association of Law Libraries, New York, January 4, 2008

The French Connection: A Prehistory of Trade Marks. Association of Business Historians, Wolverhampton, UK, June 30, 2007

Beyond the Page: Questions of Quality & Web 2.0. Society for Scholarly Publishing Keynote. San Francisco, June 7, 2007



Strategies & Law. Trade Marks and British Competitiveness, Queen Mary, University of London, May 11, 2007

Mysteries of the Region: Mapping the Geography of Knowledge. Regions as Reservoirs of Innovation Conference, Lancaster University, April 26, 2007

The Quality of Information: High-tech Supply and Low-tech Command. Palo Alto Research Center, February 22, 2007.

What *Talking* Tells Us. Aegis Seminar, École Polytechnique, November 23, 2006

CoPs: Reflections from 15 Years on the Beat. Communities of Practice: A Driver for Innovation & Competitive Advantage? EU Dynamics of Institutions and Markets in Europe (DIME), Durham, UK, October 27-28, 2006

Experience v. Authority: Open Source and the "Laws of Quality". Berring Symposium: Legal Information and the Development of American Law. Boalt Hall, U.C. Berkeley, October 20, 2006

The Stamp of Truth: Brands in the Marketplace of Ideas. Society of Scholarly Publishers, Philadelphia, September 8, 2006

Brands in Chains: Hi-Tech Supply, Low-Tech Command. Association of Business Historians, Queen Mary, University of London, June 16-18, 2006

The Douro and Its Wine in the English Imagination. O Douro Contemporaneo, Porto, May 6, 2006

Knowledge in Collaborative Networks. Babson Center for Executive Education, April 27, 2006

Brands in Chains. Universidade Católica Portuguesa, Lisbon, April 7, 2006

The Quality of Information. Taiga Forum, Chicago, March 27, 2006

What *Talking* Tells Us: Technology, Ethnography, Organization, Knowledge, Bentley College, March 3, 2005

Brands in Chains. American History Association, Philadelphia, January 6, 2006

Brands in Chains: Hi-tech supply, low-tech command. Lancaster University Management School, November 24, 2005

Brands in Chains, Wharton Economic History Seminar, University of Pennsylvania, November 11, 2005

From Gutenberg to Project Gutenberg and Beyond. American Printing History Association, San Francisco, September 22, 2005

The Quality of Information. Tilburg Innovation Centre for Digital Resources, August 28, 2005

The Quality of Information is under Strain? New York Public Library, July 28, 2005

Innovation as Social Practice, Audencia Business School, Nantes, June 2, 2005

The Art of Knowing. Inaugural AEGIS Seminar, École Polytechnique, May 21, 2005

Innovation as Social Practice. Lancaster University Management School, May 9, 2005

Questions of Quality: Wisdom in the Age of Digital Information, Academic Assembly, Cornell University Library, May 5, 2005

Limits to Community: CoPs after Fifteen Years on the Beat. Closing keynote. Organisational Knowledge and Learning Conference (OKLC), Boston, March 19, 2005

Community of Practice: The Life of a Concept. IKON/EBK Seminar, Warwick Business School, Warwick, UK, March 7, 2005

Information Commons, Opening of Prescott College Library and Information Commons, Prescott College, AZ, Feb 17, 2005

Hi-Tech Supply, Low Tech Command: Brand in the PC Supply Chain. Learning Alliance, Center for Science, Technology, & Society, Santa Clara University, January 20, 2005

Innovation, Knowledge, and Dimensions, response to Richard Lester, Séminaire Condor, École Polytechnique, January 10, 2004

The Social Life of Information: Archives from the Other Side of the Counter. Opening Keynote, Society of Archivists, Glasgow, August 31, 2004

The Methuen Treaty in the English Imagination. Association of Business Historians, Nottingham, UK, June 25, 2004

Action at a Distance: The Creation and Recreation of the Port Supply Chain, 1700-1860. Business History Conference, Le Creusot, France, June 18, 2004

Brands and Supply Chains: Information, Institutions, Warrants. Free University, Amsterdam, June 24, 2004

Ars Celare Artem. Keynote presentation, CARL (California Academic and Research Libraries), Pasadena, CA, April 25, 2004

The Methuen Treaty in the English Imagination. Portuguese Studies Program Seminar. Berkeley, April 22, 2004

Seduction of Community. Organizing Practice Symposium (with Jean Lave and Lucy Suchman), Institute for Organizational Sociology, Copenhagen Business School, March 29, 2004

Brands and Supply Chains. Inaugural Lecture. Business History Group, Queen Mary College, University of London, March 17, 2004

Brands and Supply Chains: Governance before and after Chandler. CONDOR (Contradictions et Dynamique des Organisations) Series of GDR, CNRS, Fédération des Recherches sur les Organisations et leur Gestion. École Polytechnique, Paris, November 6, 2003

Incentivizing Practice. Report on "Communities of practice, knowledge work, innovation, economic and organizational theory" prepared for the Institute for Prospective Technological Studies of the European Commission, Workshop on "ICTs and Social Capital in the Knowledge Society." Seville, November 4, 2003

Mysteries of the Region. INFOBALT. Vilnius, Lithuania. October 24, 2003

Socializing Information: Archives in the Digital Age. Opening Keynote, Society of American Archivist, Annual Conference, Spotlight on Archives, Los Angeles, CA, August 21, 2003

The Devil is in the Context: Modernization, Transformation, and Legal Information. Opening Keynote, Conference for Law School Computing, Annual Conference, The Devil is in the Details, Duke Law School, June 19, 2003

Socializing Information: Research Libraries from Print to Packets. Opening Keynote, Association of College and Research Librarians, Annual Conference, Charlotte, North Carolina, April 10, 2003

Communities of Practice. Invited Talk, École des Hautes Études, Paris, May 15, 2003

Balancing Acts. Invited Talk for the Faculty of Industrial and Organizational Sociology, Copenhagen Business School, November 5, 2002

Developing the Douro Digital Archive. Invited talk, CEPESSE, Vila Real, Portugal, September 26, 2002

Developing the Brand. Association of Business Historians Annual Conference, Reading UK, Thursday June 27, 2002

The Social Place of Information. Invited Talk, SSRC workshop Information Technology & Social Research: Setting the Agenda, Columbia University, New York, June 5, 2002

The Social Life of Information. Public Lecture, Copenhagen Business School, May 23, 2002

Internet, Location, Communities: The Social Life of Knowledge Revisited. Invited talks presented at the workshop Internet & the 21st Century, Wharton School, University of Pennsylvania, April 11, 2002

The Social Life of Liberal Education. Presidential Convocation Series Address, Oberlin College, April 9, 2002

The Social Life of Education. Invited talk presented at the workshop How Universities Think, UCLA, April 4, 2002

Children's Books and the Digital World. Invited talk presented at the Internet Children's Digital Library Opening Workshop, Oakland CA, February 14, 2002

Organizing Knowledge: The Social Life of Learning, Work, and Innovation. Keynote. Managing Organizational Knowledge, University of Melbourne, Melbourne Australia, January 23, 2002

The Social Space of Information. Opening Keynote. Rethinking Teaching and Learning Spaces for Liberal Arts Colleges: Libraries, Classrooms, Computing and Media Centers. Inaugural Conference of the National Institute for Technology & Library Education. Emory University, Atlanta, GA, January 11, 2002

The Cult of Information. Invited Presentation, Voices of the Commons Workshop, Center for the Public Domain, Marshall, Ca, December 7, 2001

The Social Life of Learning. Invited presentation, Hewlett-Packard Research Center, Palo Alto, CA, December 4, 2001

What Lies Beyond: Education Beyond Information. Invited Keynote, What Lies Beyond, 26th Annual Conference of the California Association for Institutional Research (CAIR), Sacramento, CA, November 15, 2001

Material Matters: Communities of Practice, Knowledge Generation, Material Constraints, and Actor Network Theory. Invited Lecture, Copenhagen Business School, Copenhagen, Denmark, November 9, 2001

The Social Space of Information. Invited paper presented at the First Monday conference FM 1 New Definitions: Value, Community Space, Maastricht, The Netherlands, November 5, 2001

Partners in Time. Opening Keynote, Forging Library Partnerships in the Networked Age, University of California, Berkeley, November 2, 2001

Informing the Port Wine Systems: 1640-1890. Paper presented on the panel Historical Development of Information Systems for Managing Complex Organizations before 1950. Academy of Management, Washington, DC, August 7, 2001

The Social Space of Information: Special Collections and the Lure of the Local. Invited paper presented at the 42d Annual Rare Books and Manuscripts Conference, American Library Association, San Francisco, CA, June 15, 2001

A Vida Social de Informação e o Vale do Silício, Opening address, Grandes Esperanças: Economia, Tecnologia e Felicidade: Como os Avanços Económicos e Tecnológicos Podem Melhorar Nossas Vidas e das Empresas, Instituto Fernand Braudel de Economia Mundial/Fundação Armando Alvares, Penteado, São Paulo, Brazil, April 23-24, 2001

What Do We Know about How People Learn? Opening Keynote, Online Learning: Serving People, Not Technology. Cambridge University, UK, March 27-28, 2001

The Social Life of Legal Information? Law Schools and the Law Library, Opening Keynote, Not A Box but a Window: Law Libraries and Legal Education in a Virtual World, Faculty of Law, University of Toronto, February 22-24, 2001

Radical Rupture, Keynote, annual meeting of the American Association of Colleges and Universities, New Orleans, LA, January 17-19, 2000

The Portuguese in the Port Trade: A Preliminary Investigation, presented at the biennial meetings of the Associação Portuguesa de História Económica e Social, Porto, Portugal, November 23, 2000

The Social Life of Distance Education, Keynote, Telelearning 2000, Toronto, Canada, October 5, 2000

The Future of the Family Firm, Keynote, Annual Meeting of the Family Firm Institute, Washington DC, October 26, 2000

Organizing Knowledge, Sloan School of Management, October 13, 2000

Invited participant, Rand Conference on the Book and New Technology, Santa Monica, CA, October 5-6, 2000

The Place of Knowledge, invited paper, Berkeley Knowledge Forum, Haas School of Business, University of California, Berkeley, September 28, 2000

Developing the Brand: Notes towards a Prehistory of Branding in Wine, presented at the annual meetings of the European Business History Conference, Bordeaux, September 14-16, 2000

The Social Life of Education, Keynote, SUNY (Brockport) faculty retreat, August 24, 2000

Fresh Air (NPR), July 11, 2000

Going Digital, University Business, May 2000

The Social Life of Accreditation. Keynote speech, WASC Annual Conference, San Diego, April 22, 2000

Virtual Communities. Wharton School, University of Pennsylvania. April 7-8, 2000

The Social Life of Information. Cooper-Hewitt Museum, New York, April 5, 2000

Restoring Community. Saguaro Seminar: Civic Engagement in America. John F. Kennedy School of Government, Harvard University, April 1-2, 2000

- The Bark of the Bourgeoisie. Paper presented at the annual meetings of the American Anthropological Association, Chicago, November 17, 1999
- Changing of the Guard. Paper presented at the conference on A História do Douro e do Vinho do Porto, Porto, 20-21 September, 1999
- Protecting the Marke--from whom? Paper presented at the Santa Marinha conference on the Port Wine Marqu, Vila Nova de Gaia, 16-18 September, 1999
- Structure and Spontaneity: Knowledge and Organization. Conference on Knowledge-Based Competition: Corporate Education and Knowledge Management, University of São Paulo, Brazil, August 12-13, 1999
- Institutional Asymmetries: Economics and Culture in the Development of the Port Wine Market. Symposion de la Asociación Internacional de Historia y Civilización de la Vid y el Vino. El Puerto de Santa María, Spain, 18-20 March, 1999
- Technology Transfer & Stolen Knowledge. US Department of Transport, Technology Transfer Workshop, Salt Lake City, Utah, August 26, 1998
- Institutions and Organizations, with Teresa Silva Lopes, Business History and New Institutional Theory, Reading, UK, May, 1998
- Institutions and Information. UC Riverside Library Symposium, April 14, 1998
- Organizing Knowledge, with J.S. Brown, invited paper, Knowledge Dynamics and Innovation: First UC Berkeley Forum on Knowledge and the Firm. University of California, Berkeley, September 29, 1997
- Learning from Oz. Keynote address, UC Berkeley Information Futures Conference, San Francisco, September 7, 1997
- Institutions and Education. Invited presentation to the American Association of Higher Education, Washington, D.C., March, 1997
- University in the Digital Age. Keynote address, U.C. Berkeley faculty workshop on the Future of the University, January, 1997
- Stealing Knowledge and Legitimizing Theft. Invited paper for the conference The University in the 21st Century: Education in a Borderless World, Singapore, August 13-14, 1996
- The Lie of the Land: Considerations of Location in the Régua Fair. Invited paper for the conference História da Vinha e do Vinho no Vale do Douro, Regua & Porto, Portugal. March 22-24, 1996
- Negotiating Change: Relations between Town and Country in the Twilight of Portugal's Mercantile System. Paper presented at the Annual Conference of the International Conference Group on Portugal, Manchester, NH, September 28-30, 1995
- Looking at the Country from the Town. Paper presented at the conference A História Acolá: Identidades e diferenças na Vida Social do Portugal do Norte, Porto, Portugal, 8-10, December, 1994
- Material Matters. Invited paper presented at the conference The Future of the Book, Centro Internazionale di Studi Semiotici e Cognitivi, at the Università degli Studi, San Marino, July 28-30, 1994
- Speculations on 'Change: An Anglo-Portuguese Relation. Paper presented at the conference The Anglo-Portuguese Alliance in History (1373-1993), Cambridge, U.K., September, 1993

Dialectics of Design, with J.S. Brown. Invited paper given at the conference Technology and the Future of Work, Stanford University, April, 1990

**Editorial boards**

Social Science Matrix series, University of California Press

*Companion to the History of Information*, Princeton University Press

**Education**

MA, English Literature, Washington University, St Louis, Missouri, 1980

BA, English Literature and Philosophy, Bristol University, Bristol, England, 1972