

Janet Browne

1. Personal details

Janet Elizabeth Bell Browne

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2. Education and degrees

B.A.(Mod) Natural Sciences, Trinity College Dublin, 1972.
M.Sc. History of Science, Imperial College, London, 1973.
Ph.D. History of Science, Imperial College, London, 1978, “Charles Darwin and Joseph Dalton Hooker: studies in the history of biogeography”. (Keddey-Fletcher Warr Scholarship of the University of London, 1975-78; British Academy 3-year PhD studentship)
MA (Hon) Harvard University, 2006
Honorary DSc Trinity College Dublin, 2009

3. Professional History

1978--79, Visiting researcher, History of Science Department, Harvard University.
1979--80, Wellcome Fellow, Wellcome Institute for the History of Medicine, London.
1980--83, Research Assistant (3 year staff appointment), Wellcome Institute/ University College, London.
1983--91, Associate Editor of *Correspondence of Charles Darwin* and Senior Research Associate, Cambridge University Library (1990--91).
1983--93, Part-time Lecturer, MSc History of Science, UCL/Wellcome Institute for the History of Medicine, London.
1993, Lecturer in History of Biology, Wellcome Centre for the History of Medicine, London.
1996, Reader in History of Biology, University College London.
1996-7, Senior Visiting Research Fellow King's College Cambridge (stipendiary, by open competition).
2002, Professor in the History of Biology, University College London.
2006- present, Aramont Professor in the History of Science, Harvard University
2008- 12 Senior Research Editor USA, Darwin Correspondence Project

2009-14, Harvard College Professor (for excellence in undergraduate teaching)
2009, Assistant chair, Department History of Science, Harvard University,
2010- 17, Chair, Department History of Science, Harvard University
2020, Interim Chair, Department History of Science, Harvard University

4. Other University Appointments

Graduate Admissions, History of Science, Harvard, 2007, 2011, 2012, 2015, 2016
Undergraduate review committee, History of Science, Harvard, 2007
Committee on Degrees, History and Literature, Harvard, 2007-16
Educational Policy Committee, Harvard University, 2007-2010
Associate Fellow, Harvard University Center for the Environment, 2009-present
Standing Committee on Science and Religion, 2010-2014
Faculty of Arts & Sciences Commission of Inquiry, 2011-2013
Standing Committee on Education Abroad, 2012-2014
Committee Rhodes and Marshall Scholarships, 2014-2019 (chair 2016-19)
Standing Committee on Continuing Education 2013-2018
Medical Humanities Committee, Mahindra Humanities Center, 2009
Radcliffe Institute Fellowships Award panel, 2009-present
Faculty Advisory Board, Harvard Libraries, 2014- present
Acting Director Undergraduate Students, 2013
Committee on Professional Conduct, 2019- present
Member of the University and HGSU-UAW bargaining team, 2018-20

Human Sciences Tutor and Admissions, UCL, 1994-5, 2003-4
MSc Exams Officer, UCL 1999-2003
Wellcome Library Outreach, 1997, Readers' Advisory Group, 1998-9, 2000-2001
Wellcome Centre for the History of Medicine Research Committee, 2000-2006
Wellcome Trust Advisory group on MedHist web portal, 2002
Postgraduate Tutor, Admissions and Scholarships, History of Medicine, UCL, 2004-6

External Examiner, Leicester University BSc 1990-94; Cambridge University Part I, 1991; Leeds University MA, 1994, 1995; University of Durham PhD, 1996; University of Amsterdam, PhD, 1997; University of London PhD (external) 1997, 1998, University of Southampton MSc, 2000, University of Cambridge PhD 2002, 2015, University of London PhD 2003, 2004, Lancaster University, History Department 2004-6, Princeton University PhD 2009; MIT PhD 2013, York University Toronto PhD 2017, Cambridge University PhD 2015, 2020, 2021

5. Other Appointments and Affiliations

British Society for the History of Science, President 2002-4; Vice-president 2001-2, 2004-6;
Council, 1989-92
British Journal for the History of Science, Editor 1993-99, Editorial board 1999-2015
Department of History & Philosophy of Science, Cambridge, Associate, 1994-2015

Society for the History of Natural History, Secretary, 1980-85; Council, 1976-79, 1985-88, 2003-5

Journal of the History of Biology, Book Reviews panel, 1985-90; Advisory board 2000-2006

Notes and Records of the Royal Society, Editorial Board, 1989-93

Isis, Editorial Board, 1993, 2000-3

New Oxford University Press Dictionary of National Biography, Associate Editor for Natural History 1800--1900; Botany 1700--1800

British Academy, Higher Research Board, Panel 4, Systems of Thought and Belief, 1994-5.

English Heritage, Historical consultant for the restoration of Down House (The Darwin Museum), 1996-8.

Cambridge University Press, Adviser Darwin CD-ROM, 1996

Darwin *Correspondence* Project, Management/Steering Committee, 1997-2006, Advisory Board 2007-2009, 2013- present

Trustee and Management Committee, Joseph Banks Archive Project, Natural History Museum, 1998-2007

History of Science Society, Council, 1999-2003, Nominating Committee 2001, 2007, Vice President 2013-14, President 2015-17.

HSS Watson Davies Book prize committee 2006

Trustee, Charles Darwin Trust, Down House, Kent, 1998-2006

Blue Plaque Panel, English Heritage, 1999-2006

Royal Society of London, Library Committee, 2001-2005

Supervisor, with Andrew Wear, *Historyworld.net*, History of Medicine website, 2000-2001

History of Science Editorial Board 2001-present

Nuncius, Editorial Board, 2005-present

Imperial College Court, Member 2001-4

Consulting editor, Botany, *Encyclopedia of the Life Sciences* (Macmillan)

Consulting Editor, Life Sciences, *Dictionary of 19th Century British Scientists* (Thoemmes)

Consulting Editor, Science and Culture in Nineteenth Century Britain, Pittsburg University Press (previously Pickering & Chatto), 2005-2020

Research Assessment Exercise, UK government panel, 2008, History panel member, 2005-7

Arts & Humanities Research Board, History of Science Advisory Panel member, 2006

Co-organiser with Profs H-J Reinberger, Max Planck Institut, Berlin, Prof B Fantini, Université de Genève, Dr Nick Hopwood, Cambridge UK, International Summer School in the History of Biology Ischia, series, 2005, 2007, 2009, 2011, 2013, 2015, 2017, 2019

Advisory Board, Max Planck-Institut für Wissenschaftsgeschichte, Berlin, 2005-2010

Co-director *David Livingstone Online* Project, Wellcome Trust Centre for the History of Medicine, 2005-2010, Advisory editor 2010-2020

Editorial Board, *Studies in Botanical History*, New York Botanical Garden Press, 2005

Advisory Board Centre for Research in the Arts, Social Sciences and the Humanities (CRASSH), Cambridge University UK, 2007-2010

Co-director (with Harriet Ritvo, Arthur J Conner Professor of History, MIT) of Social Sciences Research Council Pre-dissertation Development Workshop, 2008, in Animal Studies.

Advisory Board, *Russian Journal for the History of Biology*, 2009-present

Awards panel, Huntington Library, Pasadena, 2010-2013

Editorial Board, *Journal of Maritime History*, 2010-present

Program Co-chair History of Science Society Annual Meeting 2012

Co-chair Local (Host) Committee, History of Science Society Annual Meeting 2013
Member, Wellcome Trust Medical Humanities Investigator Awards Panel, 2012-13
Toh Puan Mahani Idris Daim Professorship, Nanyang Technological University, Singapore, October 2012
Visiting Professorship, Academia Sinica, Taiwan, November 2012
American Historical Society, Forkosh Prize Committee, 2014-16, chair 2016
AAAS President Section L, History of Science, 2015-17
Dibner Distinguished Fellow, Huntington Library, 2017-18.
Dumbarton Oaks, Washington DC, Plant Humanities Advisory Group, 2019-present
Cold Spring Harbor Laboratories Library and Archives Advisory Group, 2016- present

I have peer-reviewed for the British Academy, AHRC, Leverhulme, Wellcome Trust, Royal Society History of Science award schemes, SSRC, SSHRC, Radcliffe Institute for Advanced Study, NEH, NSF, European Union Research Council, and publishing houses including Cambridge University Press, Harvard University Press, Princeton University Press, Yale University Press, Johns Hopkins University Press, Oxford University Press. University of Pittsburgh Press.

6. Prizes, Awards, Fellowships

Nominated for the Silver Pen Award, for *Charles Darwin: Voyaging*, 1995.
Fellow of the Linnean Society of London, 2003
Society for the History of Natural History, Founder's Medal 2003, marking "a substantial contribution to the study of the history or bibliography of natural history."
Winner Biography section, National Book Critics Circle, 2002 (for *Charles Darwin: Power of Place*)
W.H. Heinemann Award for Non-fiction, Royal Society of Literature, 2003 (for *Charles Darwin: Power of Place*)
British Academy Book Prize, Shortlisted 2003 (for scholarly works accessible to the non-specialist)
James Tait Black Prize for Biography, 2004
History of Science Society, Pfizer Prize, 2004
Academie Internationale d'histoire des sciences, Member 2006, Fellow 2011
American Academy of Arts and Sciences, Fellow 2008
American Philosophical Society, Member 2010
British Academy, Corresponding Fellow 2010

7. Grants

Wellcome Trust History of Medicine/Public Understanding of Medicine Award for a CD-Rom self-directed learning course/resource pack on Medicine in Literature, 2000-2002, £230,000.

Wellcome Trust History of Medicine/Public Understanding of Medicine Award (with Andrew Wear and Roy Porter) for a History of Medicine website, 2000, £30,000.

Conference and travel grants Royal Society, Wellcome Trust, British Academy, 1995-2004

Major AHRB Resource Enhancement Award, with Professor James Secord, Cambridge University, UK, for the preparation of 'The Complete Writings of Charles Darwin Online,' 2006-2009

Wellcome Trust History of Medicine Award, co-PI with Professor Emeritus CJ Lawrence, UCL, an online edition of David Livingstone's Letters, 2006-2010

Social Studies Research Council, USA, Pre-Dissertation Development Workshop 2008, co-director with Prof Harriet Ritvo, MIT, 'Animal Studies'

NSF-AHRC International Initiative on 'The History of Evolutionary Views of Human Nature' co-PI with Professor James Secord, Cambridge University. 2009-2013, Award 0957520, administered by the American Council of Learned Societies

NSF Meetings Award, to support 10 participants in 2013 Summer School in History of the Life Sciences, Ischia, Italy, June 2013, 2017.

8. Invited special lectures

Science and British Culture, Trinity College Cambridge, 1994, "A glimpse of petticoats: women in the early years of the BAAS"

International Union of the History and Philosophy of Science, Newnham College Cambridge, 1999, "Women in the History of Science".

British Society for the History of Science, Oxford, 1998, "Wives and Daughters in Scientific Biographies"

Sybil Campbell Lecture, Association of University Women, London, 2002.

Sixth Robert Grant Lecture, UCL, Darwin in Caricature, 2002.

Linnean Society of London, Lecture, March 2003

Natural History Museum, London, Lecture, Darwin Centre 2003

The British Academy, Science and religion Conversation, London

Festival of History, Stoneleigh Park 'Darwin at Down House', 2003

Presidential address British Society for the History of Science, York 2003

Hans Rausing Lecture 2004, University of Uppsala, December 2004

History of Science Society Distinguished Lecture, Minneapolis November 2005 'Making Darwin: Biography and Character'

Center for Advanced Study/MillerComm Lecture, University of Illinois at Urbana-Champaign, November 2005, 'Corresponding Naturalists'

George A Miller Visiting Professor, University of Illinois at Urbana-Champaign, 6-12 November 2005

MIT, Cambridge Mass, Lecture, April 2006

Academy of Natural Sciences, Philadelphia, Public lecture, January 2007
 Boston Museum of Science, public panel discussion, Bioprospecting, February 2007
 Boston Museum of Science, Public lecture (with Andrew Berry), February 2007, Darwin and Wallace
 Lancaster University, Science and Religion conference, paper presentation, July 2007
 Catalan History of Science Society, Barcelona, Opening address session 2007, October 2007
 TS Hall Memorial Lecture, Washington University, St Louis, November 2007
 Sarton Lecture of the History of Science Society, AAAS, Boston February 2008
 PEN American Center, evening lecture, New York, 2008
 Hazen Lecture of the History of Science Society, New York, May 2008
 Dru Heinz Lecture, Pittsburgh, 2009
 Burlington House Lectures, Linnean Society London, 2009
 Darwin College Lecture, Cambridge, 2009
 Penrose Lecture American Philosophical Society, Philadelphia, 2009
 An additional 40 lectures marking the 2009 Darwin celebratory year
 Plenary Address, Cambridge UK Darwin Festival 2009
 MIT, Cambridge Massachusetts, conference for biology teachers, 2010
 Huntington Library, Empires of Science in the Long Nineteenth Century, April 2010
 Mellon Sawyer seminar, University of Sydney, The Atlantic World in the Pacific Field, August 2010
 'Charles Darwin and the Expression and the Emotions,' Un tournant animaliste en anthropologie, sponsored by The Foundation Adrienne and Pierre Sommer, College de France, Paris, July 2011
 Life and Literature Conference, Field Museum Chicago, November 2011
 Ninth Annual Michael P. Malone Memorial Conference: John Tyndall and Nineteenth Century Science. Montana State University July 2012. Keynote address
 'Rethinking the Darwinian Revolution' Public lecture, delivered Nanyang Technological University Singapore October 2012,
 "Darwin's correspondence" National University Taiwan November 2012;
 'Rethinking the Darwinian Revolution' Public lecture, Academia Sinica, Taiwan November 2012.
 Catesby Tercentenary Conference, Richmond Virginia November 2012
 'Inspiration or perspiration: Francis Galton's Hereditary Genius in Victorian context', Genealogies of Genius conference, Huntington Library, CA, May 2012.
 'Alfred Russel Wallace', Harvard University Bicentenary celebration, 2013
 'Alfred Russel Wallace', Royal Society of London, October 2013
 'Why Darwin Matters' Maine Humanities Council, Nov 2014
 Terry Lectures, Yale University, 2015
 'Great Lives' Mary Washington University, 2016
 'Scientific Biography' Masterclass, MPGWI, Berlin October 2017
 Alison Winter Memorial lecture, Chicago, 2018
 Dibner Distinguished Fellow Lecture, April 2018

I have also organised, or co-organised, a variety of conferences or sessions at conferences at home and abroad. Topics include medical botany, ships as laboratories, animals in science, correspondence networks, reconstructive surgery, biography in the sciences, evolutionary biology after Darwin, natural disasters. The most recent was held in association with the National Maritime Museum in London, Explorers and the Explored. There was a second conference in the

series which I did not organize but instead contributed to as a speaker, Huntington Library San Marino, 2010. I was involved in the arrangements for the tricentenary of Linnaeus 2007 and the bicentenaries of Darwin 2009 and Wallace 2013.

9. Academic Supervision

Before 1997, my part-time status precluded me from being a primary supervisor for PhD students. After 1998, when my status changed, I co-supervised 4 candidates for a PhD:

- (with Bill Bynum) Marc Ratcliffe, *Microscopy in 18th Century Europe*. 2001.
- (with Joe Cain) John Waller, Francis Galton and heredity theory. 2001.
- (with Joe Cain) Leigh Bregman, *History of South African Scientific Institutions*. 2003
- (with Michael Neve) Caroline Essex, *History of the Mad Genius Debate* 2003

In USA, since 2006, I have been principal advisor for:

- John Mathew, *Zoology in Nineteenth-century South Asia*, completed 2011
- Terence Keel, *Racial Ideology and Religious Beliefs*, completed 2012
- Lukas Rieppel, *Dinosaurs as Museum trophies in early 20th century*, completed 2012
- Miranda Mollendorf, Robert Thornton's *Temple of Nature*, completed 2013
- Kuang-chi Hung, *Asa Gray's Theory of Botanical Disjunction*, completed 2013
- Myrna Perez, *Steven J Gould as a Public Intellectual*, completed 2014
- Jenna Tonn, *Laboratories in the Museum of Comparative Zoology, 1880-1930*, completed 2015
- Nancy Hutton (Divinity School) *Antoinette Brown Blackwell: Feminist Responses to Darwin*, completed 2015
- Jennifer van Der Grinten (co-advisor), *Willhelm Reich on Bioelectricity*, completed 2016
- Katie Baca, *Women's Organisations in Science in 19th century Boston*, completed 2018
- Kit Heintzman, *French Veterinary College d'Alfort, 1765-1804*, completed 2019
- Alicia Di Maio, *Early Botanic Gardens in North America*, completed 2019.
- Anna Christensen, *Extinction in Popular Culture*, in progress
- Jonathan Galka, *The history of recognizing Deep-sea biohabitats*, in progress
- Nayanika Ghosh, *Sociobiology and feminism*, in progress

I am on/have been on PhD dissertation committees for the following:

- James Bergman, *20th century American climatology* (completed 2014)
- Elise Burton (History Dept.) *Middle East evolutionism* (completed 2016)
- Leah Aronowsky, *Concept of the Biosphere, 1930-1950*
- Dani Hallet Inkpen, *Glaciology in Canada*
- Whitney Robles (co-advisor), *Early American Natural History*.
- Gustave Lester, *Geology and Economic history in early America*
- Angelica Marquez-Osuna, *An economic History of Honey-bees in Central America*
- Beatrice Steinart, *Vision and representations in the history of embryology*, in progress

I have sponsored and mentored 5 postdocs at Harvard :

Etienne Benson, *Wildlife surveillance and tracking*, MIT, postdoctoral HUCE Environmental Fellow, 2008-2010.

Erica Torrens, *Images of Evolutionary Trees*, UNAM, postdoctoral fellow, 2011

Alistair Sponsel, Princeton, Darwin Correspondence Project, postdoctoral research fellow, 2010-12

Geoff Belknap, Cambridge UK, Darwin Correspondence Project, postdoctoral research fellow, 2012-13

Andrew Inkpen, UBC, postdoctoral research fellow, SSHRC, philosophy of biology and evolutionism, 2013-14

Liv Grjebine, Sorbonne & Oxford, postdoctoral research fellow, Arthur Sachs fellowship, 2019-present

I usually supervise one Harvard undergraduate (Senior) dissertation per year, including two who graduated with Hoopes Prizes, 2008, 2009.

10. Teaching Activity

In the UK

BSc course 'Man's place in nature' (Darwinian Revolution), 20 lectures, 1997-2006

MSc core course, contributor to team teaching 1995-2006

MSc elective in Science in the Age of Industry, 1997-2006

Special Study Module, Medicine in Literature, for medical students, 2003

MA elective Medicine in Literature, 2004-2006

In 2001 I developed a self-learning course on the History of Medicine in Literature to be delivered on a CD-ROM. This highly visual, interactive course introduces six significant themes in the history of medicine using English literature (and literature in translation) as supporting material. This course was designed with the new medical curriculum in Britain in mind but translates readily to the humanities. It is currently being used in the MA in History of Medicine, Wellcome Trust Centre for the History of Medicine, UCL.

I have been involved in two residential educational weekends for non-academic audiences, as well as the UCL Life Sciences annual residential course for biology students at Cumberland Lodge. I also participate as one of three organisers of a highly regarded International Summer School in the History of Biology for graduate students and young faculty in Ischia.

In the USA

Since moving to Harvard, I participate actively in the General Education programme. I introduced a history course CB47 'The Darwinian Revolution', currently reinvented for the new general Education Program as Gen Ed 1048 Rethinking the Darwinian revolution. I co-developed and co-teach a new class called 'Understanding Darwinism', also in the General education program. This latter is interdisciplinary, taught jointly with an evolutionary biologist Dr Andrew Berry, every other year.

Other classes include:

'Rethinking the Darwinian revolution.' In 2008 the students mounted a Darwin exhibition in the Cabot Library. In 2017 the class was followed by a special week-long trip to Ecuador and the Galapagos Islands for graduate students, generously supported by the Arango Foundation.

'Patients, Doctors, Illness: Exploring the Social History of Medicine,' 2006.

'History of Biology,' 2007, 2019

'Nature on Display'. 2007, 2009, 2012, 2014. In 2007 this incorporated an exhibition using the Collection of Scientific Instruments in the History of Science Department, Harvard University. Now taught with an electronic collaborative class exhibition project.

Sophomore Tutorial, 2009

Scientific Biography, 2010

Animals in History 2015, 2016

11. Lectures and Media:

"Women's Hour" (Radio 4) Darwin's studies on childrens' facial expressions, December 1988.

"Fear of the Book" (World Service) on Darwin's *Origin of Species*, April 1992.

Guest lecturer "Women in Science" Madingley Hall, September 1994, organised by Joan Mason, "Nasty Forward Minxes".

"Mendel", Open University, Radio 4 Associated Programming, 1995.

Books in Science, Science in Books, demonstration tape for projected Radio 4 series, March 1995.

Darwin, John Dunn programme, Radio 2, May 1995.

Interviews about Darwin, TalkRadio, Radio Cambridge, local radio Germany and Scandinavia, April, May 1995; Down House Appeal Radio 2, October 1995.

Contributor to "A Green History of the Planet", programmes 4, 5, and 7, World Service, 1996.

Contributor to Radio 4, Melvyn Bragg series *On Giant's Shoulders*, November 1997 Published in Melvyn Bragg, *On Giant's Shoulders; Great Scientists and their Discoveries from Archimedes to DNA* (Hodder and Stoughton, 1998), 161-2.

Interview, Afternoon Shift, Radio 4, October 1997.

"Darwin's religious belief," Sermon, King's College Chapel, Cambridge, in George Pattison, ed., *Origins*, typescript distributed for the Chapel, 1997.

BBC2 , TV programme: Interviewee and adviser, "Darwin: The Life", Horizon, broadcast April 1998.

Radio 3, Contributor and compiler, series of 5 readings from Charles Darwin's *Journal of researches*, broadcast July 2000, and extracts on website BBC Natural History Online.

Guest lecturer, Darwin and Dickens weekend, University of Cardiff External Education programme, Rochester, Kent, May 2000.

Interview, published in Christopher Luthy "Caught in the Electronic revolution: Observations and Analyses by some Historians of Science, Medicine, Technology and Philosophy" *Early Science and Medicine* 5 (2001): 64-92.

Interview, Simon Rose Chapter One, Radio, November 2002.

Interview, HistoryNow, Radio 4, November 2002.

Interview, Making History, Radio 4, December 2002.

Interview, Darwin's Illness, Icon Films (National Geographic TV), March 2003.

Interview Mosaic, Radio 3 Germany, Hans-Jorg Modlmayr, March 2003.

Interview, Darwinism in the 20th Century, Kentucky TV, September 2003.
Interview Australian radio, February 2007
Interview *Boston Globe* March 2007
Interview History Channel, Darwin programme 2007
Interview Nova, November 2007
Considerable number of interviews and short appearances in documentaries during 2009
Advisor to Glen Hoptman, , Executive Producer Lightbeam Group, "Dinner party with History,"
PBS projected series, 2011-present
Contributor to 'Monkey Planet' Radio 4, broadcast 30 November 2013
Science and a Pint, contributor 2015
Interview BBC 4, program of animals (Darwin on worms), 2017

Publications

In progress:

A Very Brief History of Biology, Oxford University Press (under contract)

Authored Books:

The Secular Ark: Studies in the History of Biogeography, Yale University Press, 1983, 273 pp.

Charles Darwin: Voyaging. Volume 1. New York: Alfred Knopf Inc; London: Jonathan Cape Ltd. 1995. Paperback Princeton University Press and Pimlico, London, 1996, 605 pp.

Charles Darwin: The Power of Place. Volume 2. Alfred Knopf Inc.; London: Jonathan Cape, London, September 2002, 600 pp.

Charles Darwin: Voyaging and The Power of Place. Paperback edition, 2 vols, Princeton: Princeton University Press and London: Pimlico, 2003 (translations Spanish, Korean).

Darwin. L'evoluzione di una vita, translated by P. D'Ortona , P. Mazzarelli , and M. Notaristefano, publisher Le biografie, Hoepli, 2018.

Medicine in Literature. A CD-ROM teaching/resource pack produced for the Wellcome Trust Centre for the History of Medicine at UCL, distributed under licence, November 2002.

Darwin's Origin of Species: A Biography. Atlantic Books, London, 2006, New York 2007 (translated German, Portuguese, Spanish, Czech, Japanese, Finnish, Korean, Turkish, Audio books, E-book)

Darwin (Very Interesting People), co-authored with AJ Desmond and JR Moore, Oxford University Press, 2007

Edited volumes:

Dictionary of the History of Science, with W.F. Bynum and Roy Porter, eds. Macmillan and Princeton University Press, 1981; Barcelona, 1986; Italian translation, 1987; Chinese translation, 1988. Paperback editions UK and USA, 1985, 494 pp.

The Correspondence of Charles Darwin, edited with F.H. Burkhardt, S. Smith, et al., 8 vols, 1821-1860. Cambridge University Press, 1985-93.

Charles Darwin's Journal of Researches (1839) Edited with an introduction, with Michael Neve. Penguin Classics, 1989. Reprinted 1995, reprinted 2003, 432 pp.

British Society for the History of Science, 1947-79, Fiftieth Anniversary Collection of Essays, commissioned and edited J. Browne *British Journal for the History of Science*, A Special Number, March 1997, pp.1-94.

Student Papers: A Special Issue edited by J. Browne *British Journal for the History of Science*, September 1997, pp. 256-285

To See the Fellows Fight: Eye Witness Accounts of Meetings of the Geological Society of London and its Club, 1822-1846. By J.C. Thackray. (Posthumous edition, Edited with Hugh Torrens and J.A. Secord). BSHS Monograph. Stanford in the Vale: British Society for the History of Science, 2003.

Charles Darwin *The Descent of Man and Selection in Relation to Sex*, 1871, Edited with an Introduction, Wordsworth Classics of World Literature, Paperback, 2013.

The Correspondence of John Tyndall, vol 2, co-edited with Melinda Baldwin, General eds., Bernard Lightman and Michael Reidy, Pickering and Chatto, 2015; vol 6, co-edited with Michael Barton, Ken Corbett, and Norma McMillan, Routledge 2017

The Quotable Darwin, Princeton University Press, 2016

Chapters in Books:

1. "Darwin and Expression" in D. Kohn, ed., *The Darwinian Heritage* (Princeton University Press, 1985), pp. 307-326.

2. "Darwin and the face of Madness" in W.F. Bynum and Roy Porter, eds., *The Anatomy of Madness* (2 vols. London: Tavistock, 1985), vol. 1, pp. 151-165.

3. "History of Biology" in V. Wyatt, ed., *Information Sources in the Life Sciences* (Butterworths, 1987), p. 177-186.

4. Subject Index, *Charles Darwin's Notebooks, 1836--1844: Geology, Transmutation of Species, Metaphysical Enquiries*. Edited by P.H. Barrett et al, (Cambridge University Press, 1987), pp. 701-47.
5. "Spas and Sensibilities: Darwin at Malvern" in Roy Porter, ed., *The Medical History of Spas and Waters* Medical History Supplement no. 5, 1990, 102-113.
6. "Missionaries and the Human Mind: Charles Darwin and Robert FitzRoy," in Roy MacLeod and Philip E. Rehbock, eds, *Darwin's Laboratory: Evolutionary Theory and Natural History in the Pacific* (Honolulu, University of Hawai'i Press, 1994), pp. 263-282.
7. "Biogeography and Empire," in Nicholas Jardine, James Secord and Emma Spary, eds., *Cultures of Natural History: From Curiosity to Crisis*, (Cambridge University Press, 1996), pp. 305-21.
8. "Botany in the boudoir and garden: the Banksian context" in D. Miller, ed., *Visions of Empire: voyages, botany, and representations of nature* (Cambridge University Press, 1996), pp.153-172. Reprinted 2010.
9. "Une science imperialiste: l'histoire naturelle britannique et les voyages d'exploration de Banks a Darwin" in C. Blanckaert, ed., *Le Museum au premier siecle de son histoire* (Paris, Archives du Museum nationale d' Histoire Naturelle, 1997), pp. 197-210.
10. "I could have retched all night: Charles Darwin and his body" in Christopher Lawrence and Steven Shapin, eds., *Science Incarnate: Historical embodiments of Natural Knowledge* (University of Chicago Press, 1998), pp. 240-287.
11. "I could have retched all night: Charles Darwin and his body" Reprinted in L. Schiebinger ed., *Feminism and the Body* (Oxford University Press, 2000), pp. 317-354.
12. "Darwin," *Cambridge Bibliography of English Literature*, 3rd Edition. (Cambridge University Press 2000), pp.2537-41.
13. 'Darwin,' *Encyclopedia of Global Environmental Change* (Wiley 2000)
14. 'Botany for Gentlemen: Erasmus Darwin and *The Loves of the Plants*' (see under articles) Reprinted in Open University Course workbook, A103, *An introduction to the Humanities*, 1999. Reprinted in S.G. Kohlstedt, ed., *Isis Reader in Gender Studies* (Chicago: University of Chicago Press, 2000), pp. 97-125.
15. "Darwin", in Joy A. Palmer, ed., *Fifty Key Thinkers on the Environment* (London: Routledge, 2001), pp.100-106.
16. "Noah's Ark and the Flood" in R. Numbers and D. Lindberg, eds, *When Science and Christianity Meet* (Chicago: University of Chicago Press, 2003), pp.111-138.

17. 'Constructing Darwinism in Literary Culture' in Anne Julia Zweirlein (ed) *Unmapped Countries: Biological Visions in Nineteenth Century Literature and Culture* (London Anthem Press, 2005), 55-70
18. 'Do collections make the collector?' in *From Private to Public: Natural Collections and Museums*, edited by Marco Beretta (Science History Publications, 2005), pp 171-187
19. 'The Natural Economy of Households: Charles Darwin's Account Books' in *Aurora Torealís*, Studies in the History of Science and Ideas, in honor of Tore Frängsmyr, edited Marco Beretta, Karl Grandin, Svante Lindqvist (Science History Publications, a division of Watson Publishing International LLC, Sagamore Beach, 2008), pp. 87-110
20. 'Introduction' *Charles Darwin's Beagle Letters* (Cambridge: Cambridge University Press, 2008).
21. "Darwin in Caricature: A Study in the Popularisation and Dissemination of Evolution" *Proceedings of the American Philosophical Society* 145 (2001): 496-509. Revised and reprinted in *The Art of Evolution; Darwin, Darwinisms, and Visual Culture*, ed. Barbara Larson and Fae Brauer, Hanover, New Hampshire, Dartmouth College Press, 2009.
22. 'Darwin the Scientist' in *Evolution: the Molecular Landscape*. Cold Spring Harbor Symposia on Quantitative Biology LXXIV. Cold Spring Harbor Laboratory Press, 2009, 1-7.
23. 'Charles Darwin: Traveller, Author, Experimenter' in Jonathan Losos, ed. *In the Light of Evolution: Essays from the laboratory and field*. Boulder, Colorado, Roberts & Co. 2010.
24. 'Darwin's Intellectual Development: Biographies and the Changing Presentation of Character' in William Brown and Andrew C. Fabian, ed. *Darwin: The Darwin College Lectures 2009*, Cambridge: Cambridge University Press, 2010.
25. 'Corresponding Naturalists' in Bernard Lightman and Michael S. Reidy, eds. *The Age of Scientific Naturalism: Tyndall and his Contemporaries*, Pickering and Chatto, 2014, pp. 157-69.
26. 'Catesby's World: England' in *The Curious Mister Catesby: A "truly ingenious" Naturalist explores New Worlds*, ed E. Charles Nelson and David Elliott, Catesby Commemorative Trust, University of Georgia Press, 2013, pp 85-94
27. 'Inspiration to Perspiration: Francis Galton's Hereditary Genius in Victorian Context' in Darrin M. McMahon and Joyce E. Chaplin, eds. *Genealogies of Genius*, Palgrave Macmillan, 2015
28. Selections from *Darwin's Origin of Species: A Biography*. Atlantic Books, 2006, translated into Spanish, in E.Torrens Rojas, A Villela Gonzáez, E. Suarez-Diaz, A, Barahona Echeverría, eds. *La Biología desde la Historia y la Filosofía de la Ciencia*, Universidad Nacional Autónoma de México, 2015

29. 'Charles Darwin and the Darwinian Tradition' in M. Dietrich, M. Borello, O. Harman (eds.), *Handbook of the Historiography of Biology*, Springer (e-book) 2018, and Springer 2020 pp. 7-32
30. 'Rachel Carson,' chapter 12, in *Dreamers, Visionaries, and Revolutionaries in the Life Sciences*, edited by Oren Harman and Michael R. Dietrich, University of Chicago Press 2018, pp. 196-210.
31. 'Introduction' in Jeremy De Silva, ed. *A Most Interesting Problem: What Darwin's Descent of Man got right and wrong about human evolution*, Princeton University Press, 2020, pp. 1-23
32. 'Expertise across disciplines: Charles Darwin's engagement with natural history' in Bernard Lightman and Efram Sera Shriar, eds. *Victorian Culture and the Origin of Disciplines*, under consideration by University of Chicago Press.

Refereed Articles:

1. "The Charles Darwin--Joseph Hooker correspondence: an analysis of manuscript resources and their use in biography" *Journal of the Society for the Bibliography of Natural History* 8 (1978): 340--66. Reprinted *Darwin in the Archives* edited E.C. Nelson, D.M.Porter, Edinburgh, Society for the History of Natural History, 2009, 235-50
2. "Darwin's botanical arithmetic and the principle of divergence, 1854-1858" *Journal of the History of Biology* 13 (1980): 53--89.
3. "The making of the *Memoir* of Edward Forbes" *Archives of Natural History* 10 (1981): 205--19.
4. "Botany for Gentlemen: Erasmus Darwin and *The Loves of the Plants*" *Isis* 80 (1989): 593--621.
5. "Squibs and snobs: Science in humorous British undergraduate magazines around 1830" *History of Science* 30 (1992): 165--97.
6. "A Science of Empire: British biogeography before Darwin" *Review d'histoire des Sciences* 4 (1992): 453--75.
7. "E le Mogli? (Why no Wives?)" *Intersezioni* (1995): 165-69, Special Number on "Le biografie scientifiche" edited by Antonello La Vergata.
8. "Officers and Council members of the BSHS, 1947-97" *British Journal for the History of Science* 30 (1997): 77-89.
9. "L'appel des nouveaux espaces," *Les Cahiers des Science & Vie*, February 1999, no 49, 6-13.

10. "Darwin como vigere y escritor" (Darwin in Chile), Opening Address at International meeting Darwin in Chiloe, November 1999, published *Ciencia Al Dia* (2000) 4, vol 2, (www.ciencia.cl)
11. "A CD-Rom on Medicine in Literature" *Health Information and Libraries Journal* 18 (2001): 156-158
12. "Darwin in Caricature: A Study in the Popularisation and Dissemination of Evolution" *Proceedings of the American Philosophical Society* 145 (2001): 496-509.
13. "Natural History Collecting and the Biogeographical Tradition" *Historia, Ciencias, Saude-Manguinhos* (2001)
14. "Charles Darwin as a celebrity" *Science in Context* 16 (2003): 175-194
15. 'Science and celebrity: commemorating Charles Darwin', The Hans Rausing Lecture 2004, Uppsala University (Uppsala University: Office for the History of Science, *Salvia Småskrifter*, 2005)
16. 'Presidential Address: Commemorating Darwin' *British Journal for the History of Science* 38 (2005): 251-274
17. (with Andrew Berry) "The other beetle-collector," *Nature*, 2008, Vol.453 (7199), p.1188
18. (with Andrew Berry) 'Birthdays past' *Nature*, November 2008, Vol.456 (7220), p.324
19. 'Looking at Darwin: Portraits and the Making of an Icon' *Isis* 100 (2009): 542-570. Republished in German as 'Zur Erschaffung des protoypischen wissenschaftler im Fokus' (Prototype of a Scientist) in Angela Schwartz ed. *Streitfall Evolution. Eine Kulturgeschichte* (Bonlau verlag, 2017)
20. 'Making Darwin: Biography and Changing Representations of Charles Darwin' *Journal of Interdisciplinary History* 40 (2010) 347-373
21. 'Asa Gray and Charles Darwin: Corresponding Naturalists' *Harvard Papers in Botany* 15 (2010): 209-220
22. Ideologie Methode. Citation pending

Other Publications:

1. "Facing up to your character" *The Observer*, 26 February 1984.
2. "Georges-Louis Leclerc, Comte de Buffon (1707-88)" *Endeavour* 12 (1988): 86--90.

3. "The Darwin archive at Cambridge University Library" *Darwin College Magazine* 7 (March 1992).
4. *Guide to History of Science Courses in Britain*, Editor 1994, 1995, 1996, 1999.
5. "Apes in the Family Tree--Thomas Henry Huxley 100 years On" *Trp3: Research and Funding News from the Wellcome Trust*, 3 (1995), 8-9.
6. "Down House" *Friends of the Wellcome Institute Newsletter* 7 (1995), pp. 6-7.
7. "Darwin and Sexual Selection," *Newsletter*, King's College Research Centre, King's College Cambridge, 1997
8. "Botany" and "Zoology", articles for *Age of Romanticism and Revolution: An Oxford Companion to British Culture*, ed Iain McCalman (Oxford University Press, 1999), 136, 778
9. "Darwin," *Encyclopedia of the Human Genome*. (Macmillanonline.net/science/ehg.htm)
10. "Medicine in Literature" *UCL Science* 15 (2001), pp. 5-6
11. "Charles Darwin" *Encyclopedia of the Life Sciences* (Macmillan, www.els.com)
12. *Oxford Companion to the History of Modern Science*, ed John Heilbron, Oxford University Press, 2003. Articles on Darwin, Horticulture, Botany, Botanical Gardens, Ovism, Photosynthesis, Monsters
13. Obituary of Roy Sydney Porter, *British Journal for the History of Science* 36 (2003): 83-6
14. Introduction, *Catalogue of Books and Letters by Charles Darwin*, Bernard Quaritch Ltd. London, 2003
15. (with Ian Jones) 'Charles Darwin: Heredity and Evolution,' in *From Victoria to Viagra*, The Wellcome Trust 2003, pp. 8-11
16. 'Medicine in Literature,' in *From Victoria to Viagra*, The Wellcome Trust, 2003, p 45
17. (with Sharon Messenger) 'Victorian spectacle: Julia Pastrana, the bearded and hairy female,' *Endeavour* 27 (2003): 155-9
18. 'The Journey that Shattered the World,' *Living History* January 2004, pp. 66-9
19. 'Charles Robert Darwin,' *Oxford Dictionary of National Biography*, with James Moore and Adrian Desmond (Oxford University Press, 2004).

20. Aiton, Balfour, Baskerville, Buddle, Bunbury, Cotton, Fitton, Forster, Gray, Hibberd, Knight, Monson, Munby, Pertz, Ramsay, biographical entries, *Oxford Dictionary of National Biography* (Oxford University Press, 2004).
21. Banks, Bates, Brown, Buffon, F. Darwin, De Candolle, Jussieu, Gaertner, Hooker, Huxley, Koelreuter, Linnaeus, Wallace, biographical entries for *Encyclopedia of the Life Sciences* ([Macmillan, www.els.com](http://www.els.com) , 2004).
22. History of Biogeography, History of Botany, two 5000 word articles for *Encyclopedia of the Life Sciences* (Macmillan, www.els.com)
23. 'Fitogeografia, zoogeografia ed ecologia' *Enciclopedia Italian* , *storia della scienza* (Rome,2004), vol 7, 675-82.
24. 'La teoria dell'evoluzione di Darwin' *Enciclopedia Italiana, storia della scienza* (Rome,2004), vol 7, 820-40.
24. "Science in culture: A bigger picture of apes." *Nature*, 2006, Vol.439 (7073), p.142
25. 'Writer's Rooms: Darwin's Study' *The Guardian*, 21 June 2008.
26. 'Darwin the Young Adventurer.' *Humanities. The Magazine of the National Endowment for the Humanities* 30 (2009): 26-30.
27. Contributions to *History and Mystery: Notes and Queries for Newsletters of the Society for the History of Natural History*, edited Charles Nelson, London Society for the History of Natural History, 2011
28. Web Article 'Darwinism in Popular Culture', American Philosophical Society Library 2012, <http://www.amphilsoc.org/library/valentinedarwin>
29. 'Darwin and Wallace' *Current Biology* 23 (2013): R1071-72
30. 'History of Botany' ELS Wiley, Online Encyclopedia, article rewritten (item 22)

Essay Reviews:

- "New developments in Darwin studies" *Journal of the History of Biology* 15 (1982): 275--80.
- "Passports to Success" *Journal of the History of Biology* 21 (1988): 343--9.
- "Cataloguing for Empire" *Notes and Records of the Royal Society* 48 (1994): 309-311.
- "Natural Causes. "Old Bones," the Skeleton in the Cupboard of Evolutionary Science," *Times Literary Supplement*, 12 August 1994, pp. 3-4.
- "Ornithologists Organised" *History of Science* 36 (1998): 359-360.
- Essay review of *The Cambridge History of Science*, vol. 6, edited by Peter Bowler and John Pickstone, *British Journal for the History of Science* 2010:

Book reviews over a 35-year period in *Annals of Science*, *British Journal for the History of Science*, *English Historical Review*, *History and Philosophy of the Life Sciences*, *History of Science*, *Isis*, *Journal of the History of Biology*, *Medical History*, *Museums Journal*, *Nature*, *Notes and Records of the Royal Society*, *Times Higher Educational Supplement*, *Times Literary Supplement*, *Times Education Supplement*, *New York Times*, *Polar Record*, *Lancet*, *Victorian Studies*