

HPSC0089: Curating Science and Technology

Tim Boon

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1.

Morris PJT. Science for the nation: perspectives on the history of the Science Museum. Basingstoke: Palgrave Macmillan; 2010.

2.

Science Museum Group Journal - Home [Internet]. Available from: <http://journal.sciencemuseum.org.uk/>

3.

Thompson M. Rubbish theory: the creation and destruction of value [Internet]. Oxford: Oxford University Press; 1979. Available from: <https://www.jstor.org/stable/j.ctt1rfsn94>

4.

Jordanova L. Description and evidence. In: The look of the past: visual and material evidence in historical practice [Internet]. Cambridge: Cambridge University Press; 2012. p. 15–37. Available from: <https://contentstore.cla.co.uk/secure/link?id=e129b4ed-2b10-e911-80cd-005056af4099>

5.

Sophie Forgan. Building the Museum. *Isis*. 2005 Dec;96(4):572–85. doi:10.1086/498594

6.

Alder K. Introduction. *Isis*. 2007 Mar;98(1):80–3. doi:10.1086/512832

7.

Bud R. Infected by the Bacillus of Science: The Explosion of South Kensington. In: Science for the nation: perspectives on the history of the Science Museum. Basingstoke: Palgrave Macmillan; 2010. p. 11–40. doi:10.1057/9780230283145_2

8.

Geoghegan, HilaryHess, Alison. Object-love at the Science Museum: cultural geographies of museum storerooms. Cultural Geographies [Internet]. 22(3):445–65. Available from: <http://search.proquest.com/docview/1698487874?OpenUrlRefId=info:xri/sid:primo&acountid=14511>

9.

Liffen J. Behind the Scenes: Housing the Collections. In: Science for the nation: perspectives on the history of the Science Museum [Internet]. Basingstoke: Palgrave Macmillan; 2010. p. 273–93. Available from: <https://contentstore.cla.co.uk/secure/link?id=1ef87d6c-0414-e911-80cd-005056af4099>

10.

T. Boon. Parallax Error? A Participant's Account of the Science Museum, c.1980-c.2000. In: Science for the nation: perspectives on the history of the Science Museum [Internet]. Basingstoke: Palgrave Macmillan; 2010. p. 111–35. Available from: <https://contentstore.cla.co.uk/secure/link?id=afd2991e-0714-e911-80cd-005056af4099>

11.

Samuel J. M. M. Alberti. Objects and the Museum. Isis. 2005 Dec;96(4):559–71. doi:10.1086/498593

12.

Prown JD. Material/Culture: Can the Farmer and the Cowman Still Be Friends? In: Learning from things: method and theory of material culture studies. Washington, D.C.: Smithsonian Institution Press; 1996. p. 19–27.

13.

Hill J. The Story of the Amulet: Locating the Enchantment of Collections. *Journal of Material Culture*. 2007 Mar 1;12(1):65–87. doi:10.1177/1359183507074562

14.

Gauvin DJF. Functionless: science museums and the display of 'pure objects? *Science Museum Group Journal*. 2016 Nov 16;5(5). doi:10.15180/160506

15.

Hess A. Authenticity, alterations and museum objects: A close encounter with 2LO, the BBC's first radio transmitter. *Journal of Material Culture*. 2017 Sep;22(3):281–98. doi:10.1177/1359183517702685

16.

David, Pantalony. Biography of an Artifact: The Theratron Junior and Canada's Atomic Age. *Scientia Canadensis: Canadian Journal of the History of Science, Technology and Medicine*. 2011;34(1). doi:10.7202/1006928ar

17.

Mann P. Working exhibits and the destruction of evidence in the science museum. *Museum Management and Curatorship*. 1989 Dec;8(4):369–87. doi:10.1016/0260-4779(89)90004-6

18.

Winner L. Do artifacts have politics? In: *The whale and the reactor: a search for limits in an age of high technology* [Internet]. Chicago: University of Chicago Press; 1986. p. 19–39. Available from: <https://ebookcentral.proquest.com/lib/ucl/detail.action?docID=557593>

19.

The Building and Operation of Industrial Museums. 1928.

20.

Daston L, Park K. Wonders of Art, Wonders of Nature. In: Wonders and the order of nature, 1150-1750 [Internet]. New York: Zone Books; 1998. p. 255-301. Available from: http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3537121740004761&institutionId=4761&customerId=4760

21.

Cornish C. Botany Behind Glass: The Vegetable Kingdom on Display at Kew's Museum of Economic Botany. In: Berkowitz C, Lightman B, editors. Science museums in transition: cultures of display in nineteenth-century Britain and America. Pittsburgh, Pennsylvania: University of Pittsburgh Press; 2017. p. 188-213. doi:10.2307/j.ctt1r6b0c8.13

22.

Bud R. Infected by the Bacillus of Science: The Explosion of South Kensington. In: Science for the nation: perspectives on the history of the Science Museum [Internet]. Basingstoke: Palgrave Macmillan; 2010. p. 11-40. Available from: <https://contentstore.cla.co.uk/secure/link?id=238dd844-f713-e911-80cd-005056af4099>

23.

Gieryn TF. Balancing Acts: Science, Enola Gay and History Wars at the Smithsonian. In: The politics of display: museums, science, culture [Internet]. London: Routledge; 1998. p. 197-228. Available from: <https://www.dawsonera.com/readonline/9780203838600/startPage/184/1>

24.

Arnold K. Cabinets for the curious: looking back at early English museums [Internet]. London: Routledge; 2016. Available from: <https://www.taylorfrancis.com/books/9781315260952>

25.

Bennett T. The Political Rationality of the Museum. In: The birth of the museum: history, theory, politics [Internet]. London: Routledge; 1995. p. 89-105. Available from: <https://ebookcentral.proquest.com/lib/UCL/detail.action?docID=1487028>

26.

Boon T. Parallax Error? A Participant's Account of the Science Museum, c.1980-c.2000. In: Science for the nation: perspectives on the history of the Science Museum [Internet]. Basingstoke: Palgrave Macmillan; 2010. p. 111–36. Available from: <https://contentstore.cla.co.uk/secure/link?id=afd2991e-0714-e911-80cd-005056af4099>

27.

Pickstone JV. Museological Science? The Place of the Analytical/Comparative in Nineteenth-century Science, Technology and Medicine. History of Science; Cambridge [Internet]. 1994;32(2):111–38. Available from: <https://search.proquest.com/docview/1298070264/citation?accountid=14511>

28.

Van Helden A, Hankins TL. Introduction. In: Instruments. Chicago, Ill: University of Chicago Press; 1994.

29.

Deborah Jean Warner. What is a scientific instrument, when did it become one, and why? The British Journal for the History of Science. 1990;23(01):83–93. doi:10.1017/S0007087400044460

30.

BENNETT J. Knowing and doing in the sixteenth century: what were instruments for? The British Journal for the History of Science. 2003;36(2):129–50. doi:10.1017/S000708740300503X

31.

Bennett J. Early Modern Mathematical Instruments. Isis. 2011 Dec;102(4):697–705. doi:10.1086/663607

32.

Bennett J. Museums and the History of Science. Isis. 2005 Dec;96(4):602–8. doi:10.1086/498596

33.

GRANT F. Mechanical experiments as moral exercise in the education of George III. *The British Journal for the History of Science*. 2015 Jun;48(02):195–212. doi:10.1017/S0007087414000582

34.

Harkness DE. "Strange" Ideas and "English" Knowledge: Natural Science Exchange in Elizabethan London. In: *Merchants & marvels: commerce, science and art in early modern Europe*. New York: Routledge; 2002.

35.

Boris, Jardine. Made real: artifice and accuracy in nineteenth-century scientific illustration. *Science Museum Group Journal*. 2018;2(2). doi:10.15180/140208

36.

Redler H. Where are we now? Art, Science and Interdisciplinary Practice (edited transcript) | Silent Signal [Internet]. 2016. Available from: <https://www.silentsignal.org/where-are-we-now-art-science-and-interdisciplinary-practice-edited-transcript/>

37.

C. Robins. Introduction. In: *Curious lessons in the museum: the pedagogic potential of artists' interventions* [Internet]. Farnham, England: Ashgate; 2013. p. 1–13. Available from: <http://www.vlebooks.com/vleweb/product/openreader?id=UCL&isbn=9781409436188>

38.

Robert W. Smith and Joseph N. Tatarewicz. Counting on Invention: Devices and Black Boxes in Very Big Science. *Osiris* [Internet]. 1994;9:101–23. Available from: <http://www.jstor.org/stable/302001>

39.

DeVorkin D. Space Artifacts: Are they Historical Evidence? In: *Critical issues in the history*

of spaceflight [Internet]. Washington, DC: National Aeronautics and Space Administration, Office of External Relations, History Division; 2006. p. 573–600. Available from: <https://history.nasa.gov/printFriendly/series95.html>

40.

Twilley N. How the First Gravitational Waves Were Found | The New Yorker. New York: F-R Pub. Corp.; 2016.

41.

Boyle A, Cliff DH. Curating the collider: using place to engage museum visitors with particle physics. *Science Museum Group Journal*. 2017 Nov 21;2(2). doi:10.15180/140207

42.

Gouyon DJB. Something simple and striking, if not amusing - the Freedom 7 special exhibition at the Science Museum, 1965. *Science Museum Group Journal*. 2016 Nov 16;1(1). doi:10.15180/140105

43.

Galison P. Material Culture, Theoretical Culture and Delocalization. In: *Science in the twentieth century* [Internet]. Amsterdam: Harwood Academic; 1997. p. 669–82. Available from: <https://contentstore.cla.co.uk/secure/link?id=4119905a-0b18-e911-80cd-005056af4099>

44.

Millard D. A review of UK space activity and historiography, 1957–2007. *Acta Astronautica*. 2010 Apr;66(7–8):1291–5. doi:10.1016/j.actaastro.2009.10.007

45.

Larson F. Chapter 1 and Chapter 2. In: *An infinity of things: how Sir Henry Wellcome collected the world* [Internet]. Oxford: Oxford University Press; 2009. p. 1–26. Available from: <https://contentstore.cla.co.uk/secure/link?id=e5b6afd6-9812-e911-80cd-005056af4099>

46.

Alberti SJMM, Hallam E. Bodies in museum. In: Medical museums: past, present, future [Internet]. London: Royal College of Surgeons of England; 2013. p. 1–15. Available from: <https://contentstore.cla.co.uk/secure/link?id=ebc46373-2e10-e911-80cd-005056af4099>

47.

Bud R. Medicine at the Science Museum. In: Medical museums: past, present, future. London: Royal College of Surgeons of England; 2013. p. 60–73.

48.

Hughes TP. The Evolution of Large Technological Systems. In: The Social construction of technological systems: new directions in the sociology and history of technology [Internet]. Cambridge, Mass: MIT Press; 1987. Available from: <http://www.jstor.org/stable/10.2307/j.ctt5vjrsq>

49.

Hamlin C. Edwin Chadwick and the Engineers, 1842-1854: Systems and Antisystems in the Pipe-and-Brick Sewers War. *Technology and Culture*. 1992 Oct;33(4). doi:10.2307/3106586

50.

Gunn S. The Buchanan Report, Environment and the Problem of Traffic in 1960s Britain. *Twentieth Century British History*. 2011 Dec 1;22(4):521–42. doi:10.1093/tcbh/hwq063

51.

Rooney D. Scientists, Sensors, and Surveillance. In: Spaces of congestion and traffic: Politics and technologies in twentieth-century London [Internet]. London: Routledge; 2019. p. 143–70. Available from: <https://contentstore.cla.co.uk/secure/link?id=70dd9086-9412-e911-80cd-005056af4099>

52.

Boon T, Jamieson A, Kannenberg J, Kolkowski A, Mansell J. 'Organising Sound': how a research network might help structure an exhibition. *Science Museum Group Journal*. 2017 Nov 21;8(8). doi:10.15180/170814

53.

Jackson MW. From Scientific Instruments to Musical Instruments: The Tuning Fork, the Metronome, and the Siren [Internet]. Oxford University Press; 2011. Available from: <http://oxfordhandbooks.com/view/10.1093/oxfordhb/9780195388947.001.0001/oxfordhb-9780195388947-e-008> doi:10.1093/oxfordhb/9780195388947.013.0056

54.

Hankins TL, Silverman RJ. *Instruments and the imagination*. Princeton, N.J: Princeton University Press; 1995.

55.

Kolkowski A, Rabinovici A. Bellowphones and Blowed Strings: The Auxeto-Instruments of Horace Short and Charles Algernon Parsons. In: Weium F, Boon T, editors. *Material culture and electronic sound* [Internet]. Washington, D.C.: Smithsonian Institution Scholarly Press; 2013. p. 1-42. Available from: <https://contentstore.cla.co.uk/secure/link?id=c47acf73-3310-e911-80cd-005056af4099>

56.

Boon T. Music for Spaces: Music for Space - An argument for sound as a component of museum experience by Tim Boon. *Journal of Sonic Studies* [Internet]. Available from: <https://www.researchcatalogue.net/view/108934/108935>

57.

Jackson MW. *Harmonious triads: physicists, musicians, and instrument makers in nineteenth-century Germany* [Internet]. Cambridge, Mass: MIT Press; 2006. Available from: <https://ebookcentral.proquest.com/lib/UCL/detail.action?docID=3338640>

58.

Sterne J. *The audible past: cultural origins of sound reproduction* [Electronic resource]. Durham: Duke University Press; 2003. Available from: <http://dx.doi.org/10.1215/9780822384250>