

HPSC0089: Curating Science and Technology

Tim Boon

View Online



Alberti, S.J.M.M. and Hallam, E. (2013) 'Bodies in museum', in *Medical museums: past, present, future*. London: Royal College of Surgeons of England, pp. 1–15. Available at: <https://contentstore.cla.co.uk/secure/link?id=ebc46373-2e10-e911-80cd-005056af4099>.

Alder, K. (2007) 'Introduction', *Isis*, 98(1), pp. 80–83. Available at: <https://doi.org/10.1086/512832>.

Arnold, K. (2016) *Cabinets for the curious: looking back at early English museums*. London: Routledge. Available at: <https://www.taylorfrancis.com/books/9781315260952>.

BENNETT, J. (2003) 'Knowing and doing in the sixteenth century: what were instruments for?', *The British Journal for the History of Science*, 36(2), pp. 129–150. Available at: <https://doi.org/10.1017/S000708740300503X>.

Bennett, J. (2005) 'Museums and the History of Science', *Isis*, 96(4), pp. 602–608. Available at: <https://doi.org/10.1086/498596>.

Bennett, J. (2011) 'Early Modern Mathematical Instruments', *Isis*, 102(4), pp. 697–705. Available at: <https://doi.org/10.1086/663607>.

Bennett, T. (1995) 'The Political Rationality of the Museum', in *The birth of the museum: history, theory, politics*. London: Routledge, pp. 89–105. Available at: <https://ebookcentral.proquest.com/lib/UCL/detail.action?docID=1487028>.

Boon, T. (2010) '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*. Basingstoke: Palgrave Macmillan, pp. 111–136. Available at: <https://contentstore.cla.co.uk/secure/link?id=afd2991e-0714-e911-80cd-005056af4099>.

Boon, T. et al. (2017) '"Organising Sound": how a research network might help structure an exhibition', *Science Museum Group Journal*, 8(8). Available at: <https://doi.org/10.15180/170814>.

Boon, T. (no date) 'Music for Spaces: Music for Space - An argument for sound as a component of museum experience by Tim Boon', *Journal of Sonic Studies* [Preprint]. Available at: <https://www.researchcatalogue.net/view/108934/108935>.

Boris, Jardine (2018) 'Made real: artifice and accuracy in nineteenth-century scientific illustration', *Science Museum Group Journal*, 2(2). Available at: <https://doi.org/10.15180/140208>.

- Boyle, A. and Cliff, D.H. (2017) 'Curating the collider: using place to engage museum visitors with particle physics', *Science Museum Group Journal*, 2(2). Available at: <https://doi.org/10.15180/140207>.
- Bud, R. (2010a) '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, pp. 11–40. Available at: <https://contentstore.cla.co.uk/secure/link?id=238dd844-f713-e911-80cd-005056af4099>.
- Bud, R. (2010b) '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, pp. 11–40. Available at: <https://contentstore.cla.co.uk/secure/link?id=238dd844-f713-e911-80cd-005056af4099>.
- Bud, R. (2013) 'Medicine at the Science Museum', in *Medical museums: past, present, future*. London: Royal College of Surgeons of England, pp. 60–73.
- C. Robins (2013) 'Introduction', in *Curious lessons in the museum: the pedagogic potential of artists' interventions*. Farnham, England: Ashgate, pp. 1–13. Available at: <http://www.vlebooks.com/vleweb/product/openreader?id=UCL&isbn=9781409436188>.
- Cornish, C. (2017) 'Botany Behind Glass: The Vegetable Kingdom on Display at Kew's Museum of Economic Botany', in C. Berkowitz and B. Lightman (eds) *Science museums in transition: cultures of display in nineteenth-century Britain and America*. Pittsburgh, Pennsylvania: University of Pittsburgh Press, pp. 188–213. Available at: <https://doi.org/10.2307/j.ctt1r6b0c8.13>.
- Daston, L. and Park, K. (1998) 'Wonders of Art, Wonders of Nature', in *Wonders and the order of nature, 1150-1750*. New York: Zone Books, pp. 255–301. Available at: http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3537121740004761&institutionId=4761&customerId=4760.
- David, Pantalony (2011) 'Biography of an Artifact: The Theratron Junior and Canada's Atomic Age', *Scientia Canadensis: Canadian Journal of the History of Science, Technology and Medicine*, 34(1). Available at: <https://doi.org/10.7202/1006928ar>.
- Deborah Jean Warner (1990) 'What is a scientific instrument, when did it become one, and why?', *The British Journal for the History of Science*, 23(01), pp. 83–93. Available at: <https://doi.org/10.1017/S0007087400044460>.
- DeVorkin, D. (2006) 'Space Artifacts: Are they Historical Evidence?', in *Critical issues in the history of spaceflight*. Washington, DC: National Aeronautics and Space Administration, Office of External Relations, History Division, pp. 573–600. Available at: <https://history.nasa.gov/printFriendly/series95.html>.
- Galison, P. (1997) 'Material Culture, Theoretical Culture and Delocalization', in *Science in the twentieth century*. Amsterdam: Harwood Academic, pp. 669–682. Available at: <https://contentstore.cla.co.uk/secure/link?id=4119905a-0b18-e911-80cd-005056af4099>.
- Gauvin, D.J.-F. (2016) 'Functionless: science museums and the display of ?pure objects?',

Science Museum Group Journal, 5(5). Available at: <https://doi.org/10.15180/160506>.

Geoghegan, HilaryHess, Alison (no date) 'Object-love at the Science Museum: cultural geographies of museum storerooms', *Cultural Geographies*, 22(3), pp. 445–465. Available at: <http://search.proquest.com/docview/1698487874?OpenUrlRefId=info:xri/sid:primo&accountid=14511>.

Gieryn, T.F. (1998) 'Balancing Acts: Science, Enola Gay and History Wars at the Smithsonian', in *The politics of display: museums, science, culture*. London: Routledge, pp. 197–228. Available at: <https://www.dawsonera.com/readonline/9780203838600/startPage/184/1>.

Gouyon, D.J.-B. (2016) 'Something simple and striking, if not amusing - the Freedom 7 special exhibition at the Science Museum, 1965', *Science Museum Group Journal*, 1(1). Available at: <https://doi.org/10.15180/140105>.

GRANT, F. (2015) 'Mechanical experiments as moral exercise in the education of George III', *The British Journal for the History of Science*, 48(02), pp. 195–212. Available at: <https://doi.org/10.1017/S0007087414000582>.

Gunn, S. (2011) 'The Buchanan Report, Environment and the Problem of Traffic in 1960s Britain', *Twentieth Century British History*, 22(4), pp. 521–542. Available at: <https://doi.org/10.1093/tcbh/hwq063>.

Hamlin, C. (1992) 'Edwin Chadwick and the Engineers, 1842-1854: Systems and Antisystems in the Pipe-and-Brick Sewers War', *Technology and Culture*, 33(4). Available at: <https://doi.org/10.2307/3106586>.

Hankins, T.L. and Silverman, R.J. (1995) *Instruments and the imagination*. Princeton, N.J: Princeton University Press.

Harkness, D.E. (2002) "'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.

Hess, A. (2017) 'Authenticity, alterations and museum objects: A close encounter with 2LO, the BBC's first radio transmitter', *Journal of Material Culture*, 22(3), pp. 281–298. Available at: <https://doi.org/10.1177/1359183517702685>.

Hill, J. (2007) 'The Story of the Amulet: Locating the Enchantment of Collections', *Journal of Material Culture*, 12(1), pp. 65–87. Available at: <https://doi.org/10.1177/1359183507074562>.

Hughes, T.P. (1987) 'The Evolution of Large Technological Systems', in *The Social construction of technological systems: new directions in the sociology and history of technology*. Cambridge, Mass: MIT Press. Available at: <http://www.jstor.org/stable/10.2307/j.ctt5vjrsq>.

Jackson, M.W. (2006) *Harmonious triads: physicists, musicians, and instrument makers in nineteenth-century Germany*. Cambridge, Mass: MIT Press. Available at: <https://ebookcentral.proquest.com/lib/UCL/detail.action?docID=3338640>.

- Jackson, M.W. (2011) *From Scientific Instruments to Musical Instruments: The Tuning Fork, the Metronome, and the Siren*. Oxford University Press. Available at: <https://doi.org/10.1093/oxfordhb/9780195388947.013.0056>.
- Jordanova, L. (2012) 'Description and evidence', in *The look of the past: visual and material evidence in historical practice*. Cambridge: Cambridge University Press, pp. 15–37. Available at: <https://contentstore.cla.co.uk/secure/link?id=e129b4ed-2b10-e911-80cd-005056af4099>.
- Kolkowski, A. and Rabinovici, A. (2013) 'Bellowphones and Blowed Strings: The Auxeto-Instruments of Horace Short and Charles Algernon Parsons', in F. Weium and T. Boon (eds) *Material culture and electronic sound*. Washington, D.C.: Smithsonian Institution Scholarly Press, pp. 1–42. Available at: <https://contentstore.cla.co.uk/secure/link?id=c47acf73-3310-e911-80cd-005056af4099>.
- Larson, F. (2009) 'Chapter 1 and Chapter 2', in *An infinity of things: how Sir Henry Wellcome collected the world*. Oxford: Oxford University Press, pp. 1–26. Available at: <https://contentstore.cla.co.uk/secure/link?id=e5b6afd6-9812-e911-80cd-005056af4099>.
- Liffen, J. (2010) 'Behind the Scenes: Housing the Collections', in *Science for the nation: perspectives on the history of the Science Museum*. Basingstoke: Palgrave Macmillan, pp. 273–293. Available at: <https://contentstore.cla.co.uk/secure/link?id=1ef87d6c-0414-e911-80cd-005056af4099>.
- Mann, P. (1989) 'Working exhibits and the destruction of evidence in the science museum', *Museum Management and Curatorship*, 8(4), pp. 369–387. Available at: [https://doi.org/10.1016/0260-4779\(89\)90004-6](https://doi.org/10.1016/0260-4779(89)90004-6).
- Millard, D. (2010) 'A review of UK space activity and historiography, 1957–2007', *Acta Astronautica*, 66(7–8), pp. 1291–1295. Available at: <https://doi.org/10.1016/j.actaastro.2009.10.007>.
- Morris, P.J.T. (2010) *Science for the nation: perspectives on the history of the Science Museum*. Basingstoke: Palgrave Macmillan.
- Pickstone, J.V. (1994) 'Museological Science? The Place of the Analytical/Comparative in Nineteenth-century Science, Technology and Medicine', *History of Science*; Cambridge, 32(2), pp. 111–138. Available at: <https://search.proquest.com/docview/1298070264/citation?accountid=14511>.
- Prown, J.D. (1996) '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, pp. 19–27. Available at: <https://contentstore.cla.co.uk/secure/link?id=da5fc339-3e13-e911-80cd-005056af4099>.
- Redler, H. (2016) 'Where are we now? Art, Science and Interdisciplinary Practice (edited transcript) | Silent Signal'. Available at: <https://www.silentsignal.org/where-are-we-now-art-science-and-interdisciplinary-practice-edited-transcript/>.
- Robert W. Smith and Joseph N. Tatarewicz (1994) 'Counting on Invention: Devices and Black Boxes in Very Big Science', *Osiris*, 9, pp. 101–123. Available at:

<http://www.jstor.org/stable/302001>.

Rooney, D. (2019) 'Scientists, Sensors, and Surveillance', in Spaces of congestion and traffic: Politics and technologies in twentieth-century London. London: Routledge, pp. 143–170. Available at: <https://contentstore.cla.co.uk/secure/link?id=70dd9086-9412-e911-80cd-005056af4099>.

Samuel J. M. M. Alberti (2005) 'Objects and the Museum', *Isis*, 96(4), pp. 559–571. Available at: <https://doi.org/10.1086/498593>.

Science Museum Group Journal - Home (no date). Available at: <http://journal.sciencemuseum.org.uk/>.

Sophie Forgan (2005) 'Building the Museum', *Isis*, 96(4), pp. 572–585. Available at: <https://doi.org/10.1086/498594>.

Sterne, J. (2003) *The audible past: cultural origins of sound reproduction*. Durham: Duke University Press. Available at: <http://dx.doi.org/10.1215/9780822384250>.

T. Boon (2010) '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*. Basingstoke: Palgrave Macmillan, pp. 111–135. Available at: <https://contentstore.cla.co.uk/secure/link?id=afd2991e-0714-e911-80cd-005056af4099>.

'The Building and Operation of Industrial Museums' (1928).

Thompson, M. (1979) *Rubbish theory: the creation and destruction of value*. Oxford: Oxford University Press. Available at: <https://www.jstor.org/stable/j.ctt1rfsn94>.

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

Van Helden, A. and Hankins, T.L. (1994) 'Introduction', in *Instruments*. Chicago, Ill: University of Chicago Press.

Winner, L. (1986) 'Do artifacts have politics?', in *The whale and the reactor: a search for limits in an age of high technology*. Chicago: University of Chicago Press, pp. 19–39. Available at: <https://ebookcentral.proquest.com/lib/ucl/detail.action?docID=557593>.