

UNIVERSEUM's Working Group on Recent Heritage of Science

Literature on recent heritage of science

Abir-Am, Pnina G., and Clark A. Elliott (eds). *Commemorative practices in science. Historical perspectives on the politics of collective memory.* *Osiris* 14, 1999.

Aicardi, Christine, and Miguel García-Sancho. "Towards future archives and historiographies of 'big biology'." *Studies in History and Philosophy of Biological and Biomedical Sciences* 55 (2016): 41–44.

Alberti, Samuel J.M.M. Why collect science? *Journal of Conservation and Museum Studies* 15 (2017): 1–10

Alberti, Samuel J.M.M., Stephen Allen, Xavier Dectot and Ruth Gill. "Reflecting the now: Project management and contemporary collecting in a multi-disciplinary museum." *Museum & Society* 15 (2017): 324–342.

Alberti, Samuel J.M.M., Elsa Cox, Tacye Phillipson and Alison Taubman. "Collecting contemporary science, technology and medicine." *Museum Management and Curatorship* 30 (2018): 1–26.

Allison, David et. al. "Ten 20th Century Instruments at The Smithsonian in Washington, D.C." *Bulletin of the Scientific Instrument Society* 63 (1999): 14–22.

Ballé, Catherine, Catherine Cuenca and Daniel Thoulouze (eds). *Patrimoine scientifique et technique – Un projet contemporain.* Paris: La documentation Française, 2010.

Boudia, Soraya, and Sébastien Soubiran. "Scientists and their cultural heritage: Knowledge, politics and ambivalent relationships." *Studies in History and Philosophy of Science A* 44/4 (2013): 643–651.

Boyle, Alison, and Johannes-Geert Hagmann (eds). *Challenging Collections: Approaches to the Heritage of Recent Science and Technology.* Artefacts vol. 11. Washington, DC: Smithsonian Institution Scholarly Press, 2017. Available online at:
<http://opensi.si.edu/index.php/smithsonian/catalog/book/168>

Brenni, Paolo. "Old artifacts and new challenges: the future of history." *Europhysics news* (May/June 2000): 16.

Bud, Robert. "Representing scale: What should be special about the heritage of mass science?" *Studies in History and Philosophy of Biological and Biomedical Sciences* 55 (2016): 117–119.

Chadarevian, Soraya de. "Things and the archives of recent sciences." *Studies in History and Philosophy of Science A* 44/4 (2013): 634–638.

Chadarevian, Soraya de. "The future historian: Reflections on the archives of contemporary sciences." *Studies in History and Philosophy of Biological and Biomedical Sciences* 55 (2016): 54–60.

Cuenca, Catherine, Yves Thomas and Catherine Ballé (eds). *Le patrimoine scientifique et technique contemporain: Un programme de sauvegarde en Pays de la Loire*. Paris: L'Harmattan, 2005.

Cuenca-Boulat, Catherine. "Premiers repérages du patrimoine santé à l'Université de Nantes." *La Lettre de l'OCIM*, 53 (1997): 37-40.

Doel, Ronald E., and Thomas Söderqvist (eds). *The historiography of contemporary science, technology, and medicine: writing recent science*. London: Routledge, 2006.

Durant, John. "'Whatever happened to the Genomatron?' Documenting a 21st century science." *Studies in History and Philosophy of Science A* 44/4 (2013): 676–682.

Fausone, Mara, and Marco Galloni. "To be or not to be a museum." In Sofia Talas and Marta C. Lourenço (eds), *Arranging and rearranging: Planning university heritage for the future*. Padua: University of Padua Press (2012): 85–89.

Freitas, Valeria, and Márcio Rangel. "The trajectory of chromatography in Brazil: The case of the gas chromatograph". In Marcus Granato and Marta C. Lourenço (eds), *Scientific instruments in the history of science: Studies in transfer, use and preservation*. Rio de Janeiro: MAST/MCTI (2014): 161–172.

Fridlund, Mats. *Historiska föremål på KTH från plasmafysikens tidiga utveckling, 1940-ca 1970*. Research Program Fysikerna och deras verktyg. Stockholm: KTH, 1989.

García-Sancho, Miguel. "The proactive historian: Methodological opportunities presented by the new archives documenting genomics." *Studies in History and Philosophy of Biological and Biomedical Sciences* 55 (2016): 70–82.

Gardner, Corinna, and Sam Alberti. "What are the challenges and opportunities associated with contemporary collecting? The Conversation" *Museums Journal* July 2017: 17.

Granato, Marcus. "Panorama sobre o patrimônio de ciência e tecnologia no Brasil: Objetos de C&T." In: Marcus Granato and Marta C. Lourenço (eds), *Coleções científicas de instituições luso-brasileiras: Patrimônio a ser descoberto* Rio de Janeiro: MAST/MCT (2010): 78-102.

Granato, Marcus. "Scientific heritage in Brazil." *Studies in History and Philosophy of Science A* 44/4 (2013): 690–699.

Hentschel, Klaus. "Bitte nicht wegwerfen! Allzu oft werden Quellen der Physikgeschichte achtlos entsorgt." *Physik Journal* 7:3 (2008): 3

Hughes, Jeff, and Thomas Söderqvist. "Why is it so difficult to write the history of contemporary science?" *Endeavour* 23/1 (1999): 1–2.

Jardine, Nicolas. "Reflections on the preservation of recent scientific heritage in dispersed university collections." *Studies in History and Philosophy of Science A* 44/4 (2013): 735–743.

Jardine, Nicolas, and Lydia Wilson. "Introduction: Recent material heritage of the sciences." *Studies in History and Philosophy of Science A* 44/4 (2013): 632–633.

Lanng, Maria, and Laila Zwisler. "Collecting cultural heritage at the Technical University of Denmark: Working with artefacts in a technical university context." In Laetitia Maison, Sofia Talas and R. Wittje (eds), *Shaping European University Heritage: Past and Possible Futures. Transactions of The Royal Norwegian Society of Science and Letters* 2013/3 (2013): 125–136.

Ledford, Heidi. "Museums hunt for relics from genomics' early days." *Nature* 504 (2013): 20-21.

Lourenço, Marta C. "Scientific collections, museums and heritage: Creating connections and engaging society through history." *Sartoniana* 28 (2015): 109-128.

Lourenço, Marta C., and Lydia Wilson. "Scientific heritage: Reflections on its nature and new approaches to preservation, study and access." *Studies in History and Philosophy of Science A* 44/4 (2013): 744–753.

Maas, Ad. "How to put a black box in a showcase: History of science museums and recent heritage." *Studies in History and Philosophy of Science A* 44/4 (2013): 660–668.

Nawa, Christine, and Ernst Seidl (eds). *Vom Sammeln: Strandgut der Wissenschaft*. Tübingen: Museum der Universität Tübingen, 2015.

Patalony, David. "What is it? Twentieth-Century Artifacts out of Context." *Newsletter of the History of Science Society* 37/3 (July 2008).

Patalony, David. "The cost of living: tracing the supply chain for superconductors in MRI machines." *Canadian Medical Association and its licensors* 183/11 (2011): E762–E764

Patalony, David. "Field Notes: Challenges and Approaches for Collecting Recent Material Heritage of Science and Technology." *Museologia e Patrimônio* 8 (2015): 80–103.

Peres, Sara. "Saving the gene pool for the future: Seed banks as archives." *Studies in History and Philosophy of Biological and Biomedical Sciences* 55 (2016): 96–104.

Pestre, Dominique. "Commemorative practices at CERN: Between physicists' memories and historians' narratives." *Osiris* 14 (1999): 203–216.

Robertson, Haileigh, Sophie Goggins and Samuel J.M.M. Alberti. "Collecting 21st-Century Science, Technology and Medicine in Scotland." Workshop Report. National Museums Scotland (2017): <http://repository.nms.ac.uk/1937>.

Shaw, Jennifer. "Documenting genomics: Applying archival theory to preserving the records of the Human Genome Project." *Studies in History and Philosophy of Biological and Biomedical Sciences* 55 (2016): 61–69.

Sichau, Christian. "Graue Kisten, undurchschaubare Elektronik. Was tun mit der Hinterlassenschaft unserer Zeit?" In Cornelia Weber and Klaus Mauersberger (eds), *Universitätsmuseen und -sammlungen im Hochschulalltag: Aufgaben – Konzepte – Perspektiven*. Berlin: Hermann von Helmholtz-Zentrum für Kulturtechnik (2010): 63–67. Available online at: <http://edoc.hu-berlin.de/conferences/ums2010>.

Sichau, Christian. "Einstein, interaktiv und zum Anfassen – Oder: die drohende Auflösung des Museums?" *N.T.M.* 17 (2009): 85–92

Soubiran, Sébastien. "What makes scientific communities think the preservation of their heritage is important?" *University Museums and Collections Journal* 1 (2008): 1–8.

Söderqvist, Thomas (ed). *The historiography of contemporary science and technology*. Amsterdam: Harwood, 1997.

Söderqvist, Thomas, Adam Bencard and Camilla Mordhorst. "Between meaning culture and presence effects: Contemporary biomedical objects as a challenge to museums." *Studies in History and Philosophy of Science* 40 (2009): 431–438.

Tibbo, Helen R. "On the nature and importance of archiving in the digital age." *Advances in Computers* 57 (2003): 1–67.

Talas, Sofia. "At the core of scientific research: Pages from the life of a department of physics." In Pedro Ruiz-Castell (ed), *Beyond Public Engagement: New Ways of Studying, Managing and Using University Collections*. Cambridge: Cambridge Scholars Publishing (2015): 97–103.

Wilson, Lydia. "Scientific heritage in Cambridge: An introduction." In Sofia Talas and Marta C. Lourenço (eds), *Arranging and rearranging: Planning university heritage for the future*. Padova: Padova University Press (2010): 129–135.

Wilson, Lydia. "Intangible histories and the invisible technician." *University Museums and Collections Journal* 5 (2012): 17–22.

Wilson, Lydia. "A typology of dispersed collections: Collaborating with scientists and

technicians." In Laetitia Maison, Sofia Talas and Roland Wittje (eds), *Shaping European University Heritage: Past and Possible Futures. Transactions of The Royal Norwegian Society of Science and Letters* 2013/3 (2013): 137–151.

Wittje, Roland. "XXth century scientific heritage at universities: Experiences and perspectives." In Catherine Ballé, Catherine Cuenca and Daniel Thoulouze (eds), *Patrimoine scientifique et technique – Un projet contemporain*. Paris: La documentation Française (2010): 253–258.

Wittje, Roland. "The Garching Nuclear Egg: Teaching contemporary history beyond the Linguistic Turn." *Studies in History and Philosophy of Science A* 44/4 (2013): 683–689.

Wittje, Roland. "Kriterien für das Sammeln aus der Zeitgeschichte – Die Auswahlkriterien der Universeum Working Group on Recent Heritage of Science." In Jörg Zaun und Kirsten Vincenz (eds), *Zwischen Kellerdepot und Forschungsolymp: Dokumentation der Diskussionspanels der 7. Sammlungstagung vom 17. bis 19. September 2015 an der TU Bergakademie Freiberg und der TU Dresden*. Dresden: TU Dresden Kustodie, 2016. Available online at http://tu-freiberg.de/sites/default/files/media/sammlungstagung-2015-18192/dokumentation_sammlungstagung_2015_web.pdf

Worley, John, and Urban Josefsson. "Managing the scientific heritage of a medieval university: The case of Uppsala University." *Opuscula Musealia* 18 (2010): 51–60.

Worley, John, Urban Josefsson, Anna-Zara Lindbom and Annika Karlsson. "Gathering Uppsala stories: On using one of the university's great resources." In Pedro Ruiz-Castell (ed), *Beyond Public Engagement: New Ways of Studying, Managing and Using University Collections*. Cambridge: Cambridge Scholars Publishing (2015): 63–81.

Initially compiled by
Roland Wittje and Marta C. Lourenço
January 2016

Updated September 2017 and August 2018