

Electrifying Women Bibliography

A list of suggested books and articles on the history of women in engineering and technology

Amy Bix, *Girls Coming to Tech! A History of American Engineering Education for Women*, (MIT Press, 2014).

Elizabeth Bruton, 'The life and material culture of Hertha Marks Ayrton (1854–1923): suffragette, physicist, mathematician and inventor' *Science Museum Journal*, Autumn 2018, Issue 10 [DOI: <http://dx.doi.org/10.15180/181002>].

Elizabeth Bruton, "'Uncertain at Present for Women, but May Increase": Opportunities for Women in Wireless Telegraphy during the First World War' *Information and Culture* [Special Issue], Volume 55, Number 1, 2020, pp. 51-74.

Elizabeth Bruton and Graeme Gooday, 'Towards a Longer History of British Women in Engineering' *British Society History of Science Newsletter, Viewpoint*, September 2018, pp.12-13 [available at <https://electrifyingwomen.org/sources-and-further-reading/>]

Elizabeth Bruton and Mar Hicks, 'A History of Women in British Telecommunications: Introducing a Special Issue' *Information and Culture* [Special Issue], Volume 55, Number 1, 2020, pp. 1-9.

R. Angus Buchanan, 'The Wives of Engineers' in R. Angus Buchanan, *Engineers & Engineering: Papers of the Rolt Fellows*, (Bath: Bath University Press, 1996), pp. 211-222.

Annie Canel, Ruth Oldenziel, Karin Zachmann (eds.), *Crossing Boundaries, Building Bridges: Comparing the History of Woman Engineers 1870-1990s* (Amsterdam: Harwood, 2000).

Amanda Devonshire and Barbara Wood (eds.), *Women in Industry and Technology from Prehistory to Present Day: Current Research and the Museum Experience*, (London: Museum of London, 1996).

Keith Harcourt and Roy Edwards, 'Engineering and the family in business: Blanche Coules Thornycroft, naval architecture and engineering design', *Science Museum Journal*, Autumn 2018, Issue 10 [DOI: <http://dx.doi.org/10.15180/1851009/001>].

Patricia Fara, *A Lab of One's Own: Science and Suffrage in the First World War* (Oxford University Press, 2018).

Mary Frank Fox, Deborah G Johnson & Sue V. Rosser (eds.), *Women, Gender and Technology* (University of Illinois Press, 2006).

Monique Frize, Peter R. D. Frize, Nadine Faulkner, *The Bold and the Brave: A History of Women in Science and Engineering* (University of Ottawa Press, 2009).

Graeme Gooday, *Domesticating Electricity: Gender, Technology and Uncertainty* (London: Pickering & Chatto, 2008) [republished, University of Pittsburgh Press, 2018].

Graeme Gooday and Emily Rees, 'Where are the Women in Engineering? A century-old story' *Newcomen Links*, 252 (2019) pp. 12-14 [available at <https://electrifyingwomen.org/sources-and-further-reading/>].

Helen Glew, "'Maiden, Whom We Never See": Cultural Representations of the "Lady Telephonist" in Britain ca. 1880–1930 and Institutional Responses' *Information and Culture* [Special Issue], Volume 55, Number 1 (2020), pp. 30-50.

Mary Harris, *Rocks, Radio and Radar: The Extraordinary Scientific, Social and Military Life of Elizabeth Alexander* (London: World Scientific, 2019).

Abigail Harrison Moore and Ruth Sandwell, eds. "Women and Energy," *RCC Perspectives: Transformations in Environment and Society* (2020, no. 1). [doi.org/10.5282/rcc/9049].

Henrietta Heald, *Magnificent Women and their Revolutionary Machines*, (London: Unbound, 2019).

Katie Hindmarch-Watson, 'Embodying Telegraphy in Late Victorian London' *Information and Culture* [Special Issue], Volume 55, Number 1 (2020), pp. 10-29.

Veronica Mary Jackson, *Metropolitan-Vickers: Arthur Fleming's Influence on The Origins and Evolution of Apprentice Training and Technical Education, with Particular Reference to Female College and Student Apprentices between 1945-1967* (PhD thesis, Manchester Metropolitan University, 2016) [available at <http://e-space.mmu.ac.uk/615896/>]

Deborah Jaffe, *Ingenious Women: From Tincture of Saffron to Flying Machines* (Sutton Publishing, 2003).

Rosalind Messenger, *The Doors of Opportunity: A Biography of Dame Caroline Haslett* (Femina Books: 1967).

Ruth Oldenziel, *Making Technology Masculine: Men, Women, and Modern Machines in America, 1870-1945* (Amsterdam: Amsterdam University Press, 1999).

Carroll Pursell, "'Am I a Lady or an Engineer?" The Origins of the Women's Engineering Society in Britain, 1918-1940' *Technology and Culture*, Volume 34, Number 1 (January 1993), pp. 78-97.

Carroll Pursell, "Domesticating modernity: The Electrical Association for Women, 1924–86". *The British Journal for the History of Science*, Volume 32, Number 1 (1999), pp. 47-67.

Jane Robinson, *Ladies Can't Climb Ladders: The Pioneering Adventures of the First Professional Women* (Doubleday, 2020).

Barbara Walsh, 'The Key Role Played by WAAC British Post Office Female Staff in Army Signal Units on the Western Front, 1917–1920' *Information and Culture* [Special Issue], Volume 55, Number 1 (2020), pp. 75-97.

Clare Wightman, *More than Munitions: Women, Work and the Engineering Industries, 1900-1950* (London: Longman, 1999).

Suzette Worden, 'Powerful Women: Electricity in the Home, 1919-40' in J. Attfield & P. Kirkham, (eds.) *A View from the Interior: Feminism, Women and Design* (London, Women's Press: 1989), pp.131-40.

Lesley Wray, *Women engineers in Britain, 1945-2000* (PhD thesis The Open University, 2006) [available at <https://oro.open.ac.uk/54202/1/424676.pdf>].

If you have any further suggestions for the reading list, please e-mail electrifyingwomen@gmail.com.