

# Science & Masculinities in History

## A Global Perspective

Seminar

GESS, ETH Zurich

Dr. Bernhard C. Schär

[schaerb@ethz.ch](mailto:schaerb@ethz.ch)



*"Distinguished British Men of Science, 1807-8", (wiki commons)*

**Tue 1.15—3 pm**

**Venue:** ETZ G 91

**Teaching Materials:** <https://moodle-app2.let.ethz.ch/course/view.php?id=12202>

**Technical Support:** [rahel.gutmann@gmw.gess.ethz.ch](mailto:rahel.gutmann@gmw.gess.ethz.ch)

18 Feb	<b>Welcome, Introduction, Requirements</b> <ul style="list-style-type: none"> <li>• Ghostbusters 1984 &amp; 2016</li> </ul>
25 Feb	<b>The Invisibility of Women in Science</b> <ul style="list-style-type: none"> <li>• Oreskes, Objectivity or Heroism?, 1996</li> </ul>
3 Mar	<b>The (precarious) manliness of 19<sup>th</sup> century historians</b> <ul style="list-style-type: none"> <li>• Smith, Gender and the Practices of Scientific History, 199</li> </ul>
10 Mar	<b>Theories &amp; Concepts: What are Masculinities?</b> <ul style="list-style-type: none"> <li>• Beynon, Masculinity and Culture, 2002, Chap. 1.</li> <li>• Bird, Masculinity Studies, 2008</li> <li>• Kimmel, Masculinity, 2008</li> </ul>
17 Mar	<b>How did Science become masculine?</b> <ul style="list-style-type: none"> <li>• Golinski, <i>Masculine Birth of Science</i>, 2002</li> </ul>
24 Mar	<b>The Gentleman Scientist</b> <ul style="list-style-type: none"> <li>• Ellis, Masculinity and Science in Britain, Chapter 3, 2017.</li> </ul>
31 Mar	<b>19<sup>th</sup> century 'Men of Science' from a man's and a women's perspective</b> <ul style="list-style-type: none"> <li>• Galton, English Men of Science, 1874, p. 1-39</li> <li>• Royer, Introduction, 1859</li> </ul>
7 April	<b>Royer and Galton continued</b>
14 April	<b>EASTER BREAK</b>
21 April	<b>Science and Masculinity in (post-)colonial India</b> <ul style="list-style-type: none"> <li>• Pernau, Modern Masculinity, 2019</li> <li>• Arnold, Nehruvian Science, 2014</li> </ul>
28 April	<b>Intermediaries, non-Europeans and Women in Science</b>

	<ul style="list-style-type: none"> <li>• Delbourgo, <i>Fugitive Colors</i>, 2009</li> <li>• Bishop &amp; White, <i>Aboriginal Celebrities</i>, 2015</li> <li>• Gaenger, <i>In their own hands</i>, 2016</li> </ul>
5 Mai	<b>Forays into the 20th century</b> <ul style="list-style-type: none"> <li>• Ensmenger, <i>Masculine Culture in Computing</i>, 2015</li> <li>• Lorber, <i>Gender and Sexed Brains</i>, 2011</li> <li>• Van Anders, <i>Testosterone in Women and Men</i>, 2015</li> </ul>
12 Mai	<b>Queering Masculinity</b> <ul style="list-style-type: none"> <li>• Ha, <i>Detecting and Teaching Desire</i>, 2015</li> <li>• Garlick, <i>What Is a Man?</i>, 2003</li> </ul>
19 Mai	<b>What about ETH?</b> <ul style="list-style-type: none"> <li>• Legacies of Masculinities and the struggle for Equality</li> <li>• <a href="http://www.equal.ethz.ch/">www.equal.ethz.ch/</a></li> </ul>
26 Mai	<b>Final Discussion &amp; Evaluation</b>

## Literature

A useful website on masculinity studies: <http://xyonline.net/books/bibliography>

Arnold, David. "Nehruvian Science and Postcolonial India." *Isis* 104, no. 2 (2013): 360–70.  
<https://doi.org/10.1086/670954>.

Beynon, John, *Masculinities and Culture* (Buckingham: Open University Press, 2002)

Bird, Sharon R., 'Masculinity Studies', in *International Encyclopedia of the Social Sciences*, ed. by William A. Darity, 2nd edn (Detroit: Macmillan, 2008).

Bishop, Catherine, and Richard White. "Explorer Memory and Aboriginal Celebrity." In *Indigenous Intermediaries. New Perspectives on Exploration Archives*, edited by Shino Konishi, Maria Nugent, and Tiffany Shellam, 31–38. Acton: Australian National University. Research School of Pacific Studies, 2015.

Delbourgo, James. "Fugitive Colours. Shamans' Knowledge, Chemical Empire, and Atlantic Revolutions." In *Brokered World. Go-Betweens and Global Intelligence, 1770-1820*, edited by Simon Schaffer, Lissa Roberts, Kapil Raj, and James Delbourgo, 271–320. Sagamore Beach, Mass: Science History Publications, 2009.

Ellis, Heather, *Masculinity and Science in Britain, 1831–1918*, (London: Macmillan, 2017)

Ensmenger, Nathan: «Beards, Sandals, and Other Signs of Rugged Individualism»: *Masculine Culture with the Computing Professions*, in: *Osiris* 30, 2015, S. 38–65.

- Galton, Francis: *English Men of Science. Their Nature and Nurture*, London 1874.
- Gänger, Stefanie. "In Their Own Hands: Domestic Medicine and 'the Cure of All Kinds of Tertian and Quartan Fevers' in Late-Colonial Lima." *Colonial Latin American Review* 25, no. 4 (October 1, 2016): 492–511.
- Garlick, Steve. "What Is A Man? Heterosexuality and the Technology of Masculinity." *Men and Masculinities* 6, no. 2 (2003): 156–72.
- Golinski, Jan: *The Care of the Self and the Masculine Birth of Science*, in: *History of Science* 40 (2), 2002, S. 125–145.
- Ha, Nathan: *Detecting and Teaching Desire: Phallometry, Freund, and Behaviorist Sexology*, in: *Osiris* 30, 2015, S. 205–227.
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- Kimmel, Michael, 'Masculinity', in *International Encyclopedia of the Social Sciences*, ed. by William A. Darity, 2nd edn (Detroit: Macmillan, 2008), v, 1–5
- Lorber, Judith, 'Review: Gendered and Sexed Brains', in: *Contemporary Sociology*, 40 (4), 2011, 405-09.
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- O'Connor, Pat, Teresa Carvalho, Agnete Vabø, and Sónia Cardoso, 'Gender in Higher Education: A Critical Review', in *The Palgrave International Handbook of Higher Education, Policy and Governance*, ed. by Joeroen Huisman, Harry de Boer, David D. Dill, and Manuel Souto-Otero (Houndmills: Palgrave Macmillan, 2015), p. 569
- Oreskes, Naomi. "Objectivity or Heroism? On the Invisibility of Women in Science." *Osiris* 11 (1996): 87–113.
- Pernau, Margrit. "Modern Masculinity, Bought at Your Local Pharmacist: The Tonic Sanatogen in 20th-Century Indian Advertisements." *Tasveer Ghar - A Digital Archive of South Asian Popular Visual Culture*, November 4, 2019. <http://www.tasveergharindia.net/essay/sanatogen-masculine-advert.html>.
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