

Topics and Readings for Student Teaching Presentations

1. Hidden Histories of Computing: **Korea**

Dongoh Park. "The Korean Character Code: A National Controversy, 1987-1995." *IEEE Annals of the History of Computing* 38, no. 2 (April 2016): 40–53. JLR has PDF.

2. Hidden Histories of Computing: **Arabic**

Ramsey Nasser, Presentation at the SIGCIS Conference *Command Lines: Software, Power, and Performance* (March 2017),

<https://www.youtube.com/watch?v=vIvJ4czF118&list=PLQsxaNhYv8dZLtHNYG0ygsOjVvvRg87c9&index=10&t=1097s> - note Nasser's presentation begins at 1h18m in this video.

3. Hidden Histories of Computing: **Denmark**

Jens Brammer. "Time-Sharing in Denmark in 1968." In *History of Nordic Computing 4*, edited by Christian Gram, Per Rasmussen, and Søren Duus Østergaard (Cham: Springer International Publishing: 2015): 167–70. Available on Google Books.

4. Hidden Histories of Computing: **Australia**

Melanie L. Swalwell. "Questions about the usefulness of microcomputers in 1980s Australia," *Media International Australia*, 143 (2012): 63-77. JLR has PDF.

5. Hidden Histories of Computing: **Chile**

Eden Medina, *Cybernetic Revolutionaries: Technology and Politics in Allende's Chile* (Cambridge: MIT Press, 2011), Chapter 3, full text online via MSU Library.

6. Hidden Histories of Computing: **India**

Dinesh C. Sharma, *The Outsourcer: The Story of India's IT Revolution* (Cambridge: MIT Press, 2015), Introduction and Chapter 8, full text online via MSU Library.

7. Hidden Histories of Computing: **Soviet Union**

Benjamin Peters, *How Not to Network a Nation: The Uneasy History of the Soviet Internet* (Cambridge: MIT Press, 2016), excerpts in *First Monday*:

<http://firstmonday.org/ojs/index.php/fm/article/view/6689/5482>.

8. Hidden Histories of Computing: **Bulletin Board Systems**

Kevin Driscoll, "Social Media's Dial-up Roots." *IEEE Spectrum* 53, no. 11 (November 2016): 54–60. doi:10.1109/MSPEC.2016.7607028. <http://spectrum.ieee.org/computing/networks/social-medias-dialup-ancestor-the-bulletin-board-system>.

9. Hidden Histories of Computing: **Hackers & War Games**

Stephanie Schulte, *Cached: Decoding the Internet in Global Popular Culture* (New York: New York University Press, 2013), Introduction and Chapter 1, full text online via MSU Library.

10. Hidden Histories of Computing: **France**

Julien Mailland and Kevin Driscoll, *Minitel: Welcome to the Internet* (Cambridge: MIT Press, 2017), “A Tale of Two Parties.” JLR to scan.

11. Hidden Histories of Computing: **China**

Thomas S. Mullaney, *The Chinese Typewriter* (Cambridge: MIT Press, 2017), Introduction. JLR to scan.

12. Hidden Histories of Computing: The **Netherlands** (part 1)

Frank C. A. Veraart, “Chapter 2: Transnational (Dis)Connection in Localizing Personal Computing in the Netherlands, 1975–1990,” in *Hacking Europe: From Computer Culture to Demoscenes*, edited by Gerard Alberts and Ruth Oldenziel (London: Springer-Verlag, 2014), full text online via MSU Library.

13. Hidden Histories of Computing: The **Netherlands** (part 2)

Caroline Nevejan and Alexander Badenoch, “Chapter 9: How Amsterdam Invented the Internet: European Networks of Significance, 1980-1995,” in *Hacking Europe: From Computer Culture to Demoscenes*, edited by Gerard Alberts and Ruth Oldenziel (London: Springer-Verlag, 2014), full text online via MSU Library.

14. Hidden Histories of Computing: **Greece**

Theodoros Lekkas, “Chapter 4: Legal Pirates Ltd: Home Computing Cultures in Early 1980s Greece,” in *Hacking Europe: From Computer Culture to Demoscenes*, edited by Gerard Alberts and Ruth Oldenziel (London: Springer-Verlag, 2014), full text online via MSU Library.

15. Hidden Histories of Computing: **Poland**

Patryk Wasiak, “Chapter 6: Playing and Copying: Social Practices of Home Computer Users in Poland during the 1980s,” in *Hacking Europe: From Computer Culture to Demoscenes*, edited by Gerard Alberts and Ruth Oldenziel (London: Springer-Verlag, 2014), full text online via MSU Library.

16. Hidden Histories of Computing: **Gender & Telegraphy in Europe**

Simone M. Müller, “Telegraphy and the “New Woman” in Late-Nineteenth-Century Europe,” pages 27-46 in *Connecting Women: Women, Gender and ICT in Europe in the Nineteenth and Twentieth Century* edited by Valérie Schafer and Benjamin G. Thierry (Cham: Springer, 2015), full text online via MSU Library.

17. Hidden Histories of Computing: **Spain**

José Emilio Pérez Martínez, “Airing the Differences: An Approach to the Role of Women in the Spanish Free Radio Movement (1976–2014),” pages 47-60 in *Connecting Women: Women, Gender and ICT in Europe in the Nineteenth and Twentieth Century* edited by Valérie Schafer and Benjamin G. Thierry (Cham: Springer, 2015), full text online via MSU Library.

18. Hidden Histories of Computing: **England** (& agriculture)

Giuditta Parolini, “From Computing Girls to Data Processors: Women Assistants in the Rothamsted Statistics Department,” pages 103-117 in *Connecting Women: Women, Gender and ICT in Europe in the Nineteenth and Twentieth Century* edited by Valérie Schafer and Benjamin G. Thierry (Cham: Springer, 2015), full text online via MSU Library.

19. Hidden Histories of Computing: **Finland, France & the UK**

Chantal Morley and Martina McDonnell, “The Gendering of the Computing Field in Finland, France and the United Kingdom Between 1960 and 1990,” pages 119-135 in *Connecting Women: Women, Gender and ICT in Europe in the Nineteenth and Twentieth Century* edited by Valérie Schafer and Benjamin G. Thierry (Cham: Springer, 2015), full text online via MSU Library.

20. Hidden Histories of Computing: **Spam**

Finn Bruton, “A short history of spam,” *Le Monde diplomatique* (March 2014):
<http://mondediplo.com/2014/03/16spam>

21. Hidden Histories of Computing: **Ghana**

Jenna Burrell, “User Agency in the Middle Range: Rumors and the Reinvention of the Internet in Accra, Ghana” *Science, Technology, & Human Values* Vol. 36. No. 2 (2012): 139-159. JLR has PDF.

22. Hidden Histories of Computing: **Africa & Mobile Phones**

Killian Fox, “Africa’s Mobile Economic Revolution,” *The Guardian* (July 2011),

<https://www.theguardian.com/technology/2011/jul/24/mobile-phones-africa-microfinance-farming> and

Murithi Mutiga and Zoe Flood, “Africa calling: mobile phone revolution to transform democracies,” *The Guardian* (August 2016), <https://www.theguardian.com/world/2016/aug/08/africa-calling-mobile-phone-broadband-revolution-transform-democracies>

23. Hidden Histories of Computing: **Mexico**

Jaqueline Dominguez Nava et. al. “A Brief History of Computing in Mexico,” *IEEE Annals of the History of Computing* Vol. 37 No. 4 (2015): 76-86. JLR has PDF.

24. Hidden Histories of Computing: **Latin America**

Fabian Mauricio Prieto-Nanez, “Programe su Futuro: Printed Media and Translation in Spanish and Latin American Computing Histories during the 1980s,” Presentation at the SIGCIS Conference *Command Lines: Software, Power, and Performance* (March 2017),

<https://www.youtube.com/watch?v=vIvJ4czF118&list=PLQsxaNhYv8dZLtHNYG0ygsOjVvRg87c9&index=10&t=1097s> - note Prieto-Nanez’s presentation begins at 37m50s in this video.

25. Hidden Histories of Gender, Science and Technology

You may choose any of the **Lady Science** essays that have not been assigned for class. There are approximately 70 short essays encompassing a variety of voices and work on women and gender across the sciences and technology. Examples include:

Meryl Alper, “Talking Like a “Princess”: What Speaking Machines Say About Human Biases,”

<https://thenewinquiry.com/blog/talking-like-a-princess-what-speaking-machines-say-about-human-biases/>.

Sarah Horne, “Art is a Science: Women Illustrators Breaking Gender Barriers and the Story of Agnes Chase,” <https://www.ladyscience.com/new-blog-3/klf4lw5x768bb2cwta2t3yfd9zlz34>

Leila A. McNeill, “Anthropos-cene,”

<https://www.ladyscience.com/anthroposcene/7mtxsrsscfcg5g9m6f6enr6zmy828l>

Issue archive at: <https://www.ladyscience.com/archive/>