

HISB20, *THE NUCLEAR 20th CENTURY*, (5 ECTS-credits)

Literature list approved by the board 2023/04/28

Most of the literature for this course will be available electronically, either from *LubSearch*, freely online, or on the course platform. The total set of readings should amount to around 900 pages. The core-set texts of the course consists of c. 700 pages. Every student should then choose a further 200-300 pages. See below for suggestions, that are books of interest within the course themes. These pages should include sources and/or scholarship that relate directly to the topic of the examination paper. All the literature is chosen to correspond with the thematic modules of the course.

Reading the syllabus carefully and getting hold of texts in advance is strongly recommended.

Basic knowledge about Cold War history is helpful. If you need to brush up on the history of the Cold War, I recommend that you read the first three chapters of John Lewis Gaddis' *The Cold War* (preferably alongside a critical review (like Anders Stephanson's '[Simplicissimus](#)')

The literature for the course consists mainly of articles chapters, and extracts from books.

Mandatory reading

Aberg, Anna, and Maja Fjaestad. "Chasing uranium: Securing nuclear fuel on a transnational arena in Sweden 1971-1984." *Extractive Industries and Society* 7, no. 1 (01/01/ 2020): 29-38. (Online (=available via LubSearch), (11 p.)

Abraham, I. "What (really) makes a country nuclear? Insights from nonnuclear Southeast Asia." *Critical Studies on Security* 4, no. 1 (01/01/ 2016): 24-41. (Online, 17p)

Abraham, I. "The Ambivalence of Nuclear Histories." research-article. *Osiris* 21, no. 1 (01/01/ 2006): 49-65. (Online, 26 p.)

Anders, Günther 'Theses for the Atomic Age' *The Massachusetts Review*, Vol. 3, No. 3 (Spring, 1962), pp. 493-505 (to be made available online, 13 pages)

Bauer, Susanne. "Radiation Science after the Cold War: The Politics of Measurement, Risk, and Compensation in Kazakhstan ". In *Health, Technologies, and Politics in Post-Soviet Settings Navigating Uncertainties*, edited by Olga Zvonareva, Evgeniya Popova and Klasien Horstman. Cham: Springer International Publishing. 2018. (Online, 25 p.)

Ball, Terrence, (1989) 'The Politics of Social Science in Postwar America', in L. May (ed.), *Recasting America: Culture and Politics in the Age of the Cold War*. Chicago: University of Chicago Press, 1989, pp. 76-92, (available online, 16 p.)

- Bingham, Adrian "'The monster'? The British popular press and nuclear culture, 1945–early 1960s', *British Journal for the History of Science*, 45:4, 2012, pp. 609-24 (Online, 15p.)
- Carol Cohn (1987) 'Sex and Death in the Rational World of Defense Intellectuals', *Signs*, 12, 687-718 (Online, 32 p.)
- Darwin Hamblin, Jacob, 'A Dispassionate and Objective Effort: Negotiating the First Study on the Biological Effects of Atomic Radiation', *Journal of the History of Biology*, 40 (2007), pp. 147–77 (Online, 30p.)
- Douthwaite, Jessica, "'... what in the hell's this?' Rehearsing nuclear war in Britain's Civil Defence Corps', *Contemporary British History*, 2018, DOI: 10.1080/13619462.2018.1519421 (Online, 26 p.)
- Edwards, Paul N., (2012) 'Entangled Histories: Climate Science and Nuclear Weapons Research', *Bulletin of the Atomic Scientists*, 68, 2012, pp. 28-40. (Online, 12 p.)
- Farböl, Rosanna. "Prepare or resist?: Cold War Civil Defence and Imaginaries of Nuclear War in Britain and Denmark in the 1980s." *JOURNAL OF CONTEMPORARY HISTORY* (08/26/ 2021). pp. 136-138. (Online, 22 p.)
- Futter, Andrew, *The Politics of Nuclear Weapons*, 2015. London: SAGE, pp. 1-18. (the book can be bought, 18 p.)
- Gusterson, Hugh "Becoming a Weapons Scientist," in *Nuclear Rites: A Weapons Laboratory at the end of the Cold War*, 1996. pp. 38-68. (e-book online, 30)
- Hecht, Gabrielle 'An elemental force: Uranium production in Africa, and what it means to be nuclear', *Bulletin of the Atomic Scientists*, 68:2, (2012), pp. 22-33 (Online, 11 p.)
- Jacobs, Robert. "Radiation as Cultural Talisman: Nuclear Weapons Testing and American Popular Culture in the Early Cold War." *Asia-Pacific Journal: Japan Focus*, no. 26 (2012): 1-18. (Online, 18 p.)
- Jonter, Thomas, and Emma Rosengren. "From Nuclear Weapons Acquisition to Nuclear Disarmament: the Swedish Case." research-article. *Medicine, Conflict and Survival* 30 (08/01/ 2014): 46-63. (Online, 17 p.)
- Masco, Joseph, 'Bad Weather: On Planetary Crisis', *Social Studies of Science*, 40, (2010), pp. 7-40 (Online, 34 p.)
- Masco, Joseph, "'Survival is Your Business': Engineering Ruins and Affect in Nuclear America', *Cultural Anthropology*, 23, 2008, pp. 361-98 (Online, 38 p.)
- Mumford, Lewis 'The Moral Challenge to Democracy', *Virginia Quarterly Review*, 35, 1959, pp. 560-76. (available online, 17 p.)
- Lutts, Ralph H., 'Chemical Fallout: Rachel Carson's Silent Spring, Radioactive Fallout, and the Environmental Movement', *Environmental Review*, 9:3, 1985, pp. 210-25. (online, 15 pp.)
- Panchasi, Roxanne, 'No Hiroshima in Africa', *History of the Present*, vol. 9, 2019, pp. 84–112. (Online, 28 p.)
- Petryna, Adriana, *Life Exposed: Biological Citizens after Chernobyl*. Princeton UP, (latest 2013 edition available as E-book at LU, but the 2002 edition can be used.) Ch. 1-3. Pp 1-82 (81 p.)

Selcer, Perrin, "Anthropocene," *Encyclopedia of the History of Science* (June, 2021) (available online: <https://ethos.lps.library.cmu.edu/article/483/galley/420/view/>) pp. 1-33 (31 p.)

Sylvest, Casper. "Conceptions of the Bomb in the Early Nuclear Age." In *Non-Nuclear Peace*, edited by Tom Sauer, Jorg Kustermans and Barbara Segaert: Springer International Publishing, 2020. (available as PDF on the platform, 26 p.)

Westad, Odd Arne, 'The Cold War and the international history of the twentieth century', *Cambridge History of the Cold War*, 3 vols. Cambridge: Cambridge University Press, I, (online or at the LU library 19 p.)

Wittner, Lawrence S. *Confronting the Bomb: A Short History of the World Nuclear Disarmament Movement*. Stanford: Stanford University Press, 2009. pp. 52-82 .(available online 30 p.)

Wolfson, Richard., *Nuclear Choices for the Twenty-First Century: A Citizen's Guide*. MIT Press, 2021. pp. 39-66. (E-book at LU, 27 p.)

Total 683 pages.

Recommended reading

Brown, Kate. *Manual for survival : a Chernobyl guide to the future*. New York: W.W. Norton & Company, 2019.

Hachiya, Michihiko. *Hiroshima diary : the journal of a Japanese physician, August 6-September 30, 1945*. Chapel Hill: University of North Carolina Press, 1955.

Hecht, Gabrielle. *Being Nuclear: Africans and the Global Uranium Trade*. Cambridge, Mass.: MIT Press, 2012.

Hecht, Gabrielle, and Michel Callon. *The Radiance of France: Nuclear Power and National Identity after World War II*. Inside technology. MIT Press, 2009.

Higuchi, Toshihiro. *Political Fallout: Nuclear Weapons Testing and the Making of a Global Environmental Crisis*. Stanford, California: Stanford University Press, 2020.

Hogg, Jonathan. *British Nuclear Culture: Official and Unofficial Narratives in the Long 20th Century*. London ;: Bloomsbury Academic, an imprint of Bloomsbury Publishing Plc, 2016.

Masco, Joseph. *The Future of Fallout, and Other Episodes in Radioactive World-Making* Duke University Press, 2021.

Munster, Rens van, and Casper Sylvest. *Nuclear Realism: Global Political Thought During the Thermonuclear Revolution*. Abingdon, Oxon ;: Routledge, 2016.

Petryna, Adriana. *Life Exposed: Biological Citizens after Chernobyl*. Princeton, [N.J.]: Princeton University Press, 2002.

Weart, Spencer R. *The Rise of Nuclear Fear*. Harvard University Press, 2012.

Wolfe, Audra J. *Freedom's laboratory : the Cold War struggle for the soul of science*. Baltimore: Johns Hopkins University Press, 2020.