**ARCH 711-712**

**CULTURAL LANDSCAPES OF MEDICINE AND SCIENCE**

**FALL 2020**

**PROF ANNMARIE ADAMS**

**FRIDAYS 10:35-12:35**

**Version: 2 September 2020**

# “Illness is a part of every human being's experience. It enhances our perceptions and reduces self-consciousness. It is the great confessional; things are said, truths are blurted out which health conceals.” (Virginia Woolf, “On Being Ill,” 1926)

COURSE GOALS

* This PhD seminar focuses on the Cultural Landscapes of Science and Medicine
* What does illness reveal about architecture?
* Another intention is to learn how to do collaborative or group research and to co-author publications. How do we find our voices as writers?
* Our focus is on the past and future of the former Royal Victoria Hospital (RVH; and related institutions): grounds, buildings, archives
* We will take advantage of being eye witnesses to COVID-19, a deadly and contagious illness, and the fact that our course is online
* Suggested research topics: the rise of the lab, illness/contagion and ventilation, modernism and medicine, image-ing/representations in medicine and architecture, invisible traditions, hospital re-use, role of public art, brain/cognition, design for specialties (pathology, palliative, neurology, surgery, respirology, etc), architectural responses to particular illnesses like TB, cancer, HIV-AIDS, COVID-19, architectural re-use, hospital landscapes, hospital architecture and ethics; Indigenous spaces on Mount Royal, hospitals in fiction, spaces of the pandemic
* One intention is to explore rich digital collections like John Bland CAC, CCA, Wellcome, and RIBA; note Prof Adams also has a substantial archive of resources that will be available to you

SIMULATION

In order to enhance our skills in collaborative research, we will “pretend,” in this course, that we have been awarded a substantial grant to produce a co-authored research paper on illness and the RVH. Prof Adams serves as Principal Investigator (PI) on the grant, managing the project, and students are equal partners. Our weekly meetings will thus resemble working meetings. Weekly readings will be assigned and shared as they relate to the work; production of the collaborative paper will begin immediately.

ASSIGNMENTS

* Weekly readings, to be assigned as topics progress, see attached list
* A group or co-authored paper or papers (minimum individual contribution 12 pp) 30%
* Proposal or abstract for individual contribution (250 words) 10%
* Two interim drafts and in-house presentations 40%
* Zoom-posium with advisors (open to public, Nov. 27) 20%

PROPOSED MEETING SCHEDULE

1. Sept. 4 *Intro to the site and course*
2. Sept. 11 *Sources + research questions*
3. Sept. 18 *Approaches to collaborative work*
4. Sept. 25 *Individual proposals/abstracts due, presentations*
5. Oct. 2 *Arguments + evidence*
6. Oct. 9 *Medicine + science*
7. Oct. 16 Work session
8. Oct. 23 *Drafts due, presentations*
9. Oct. 30 *Work session*
10. Nov. 6 *Better drafts due, presentations*
11. Nov. 13 *Prof. Sal Craig session*
12. Nov. 20 *Work session*
13. Nov. 27 *Zoom-posium w advisors*

READINGS AND PODCASTS ABOUT THE ARCHITECTURE OF SCIENCE/MEDICINE

n.a., “A History of Quarantine from the Bubonic Plague to Typhoid Mary,” National Public Radio, listen or read:

<https://www.npr.org/sections/goatsandsoda/2020/01/26/799324436/a-history-of-quarantines-from-bubonic-plague-to-typhoid-mary>

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Adams, Annmarie, Theodore, David, Toromanoff, Don. *Montreal’s Royal Victoria Hospital: A Layered History*. Study produced for the Ville de Montréal, 2012.

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atrium: Comparing architectural intentions and children's experiences in a pediatric

hospital lobby,” *Social Science & Medicine* 70, 5 (March 2010), 658-67.

Ahuja, Nitin “End Stages,” *Places Journal*, May 2018. Accessed 28 Apr 2020. <https://doi.org/10.22269/180515>

Bates, Victoria, “Sensing space and making place: the hospital and therapeutic landscapes in two cancer narratives,” *Medical Humanities*2019 **45:**10-20 https://mh.bmj.com/content/45/1/10

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Brandt, Allan M. and David C. Sloane, “’Of Beds and Benches: Building the Modern American Hospital,” in Galison and Thompson, *Architecture of Science*, 281-302.

# Campbell, Margaret “What Tuberculosis did for Modernism: The Influence of a Curative Environment on Modernist Design and Architecture,” *Medical History* (Oct 1, 2005) 49 (4), 463–88. doi: [10.1017/s0025727300009169](https://dx.doi.org/10.1017%2Fs0025727300009169)

Carroll, Katherine L., “Creating the Modern Physician: The Architecture of American Medical Schools in the Era of Medical Education Reform,” *Journal of the Society of Architectural Historians* 75, no. 1 (March 2016): 48-73.

Collins, Peter. *Changing Ideals in Modern Architecture, 1750-1950*. Montreal, Que.: McGill-Queen's University Press, 1998. [chapter on biological analogy]

Dustin, Valen. “On the Horticultural Origins of Victorian Glasshouse Culture” *SAH Journal* 75, no. 4 (2016), 403-23.

Ferry, Georgina. “The Art of Laboratory Design,” *Nature* 457, no. 541 (Jan 29, 2009), 541.

Fifield, Peter. *Modernism and Physical Illness: Sick Books*. Oxford: Oxford University Press USA - OSO, 2020. <http://public.eblib.com/choice/PublicFullRecord.aspx?p=6247734>.

Fink, Sheri. *Five Days at Memorial: Life and Death in a Storm-Ravaged Hospital*. New York: Crown, 2013.

Galison, Peter, and Emily Ann Thompson. *The Architecture of Science*. Cambridge, Mass.: MIT Press, 1999.

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<https://www.healthcaredesignmagazine.com/architecture/history-hospitals-and-wards/>

Grube, Oswald, “The Birth of the Modern Research Building in the USA” In *Principles of Research and Technology Buildings*, ed Hardo Braun and Dieter Gromling, 2005.

*Harvard Design Magazine*, special issue “Well well well”

Hillier, Bill and Alan Penn, “Visible Colleges: Structure and Randomness in the Place of Discovery.” *Science in Context* 4, no. 1 (1991): 23-49.

Hopkins, James “The (Dis)assembling of Form: Revealing the Ideas Built Into

Manchester's Medical School,” *Journal of the History of Medicine and Allied Sciences* 75, no. 1 (January 2020), 24-53.

Hornstein, Shelley, “The Architecture of the Montreal Teaching Hospitals of the Nineteenth Century,” *The Journal of Canadian Art History* 13, no. 2, and 14, no. 1 (1990/1991), 12-24.

Hunter, Mary. *The Face of Medicine: Visualizing Medical Masculinities in Late Nineteenth-century Paris.* Manchester: Manchester University Press, 2016.

Jones, Paul, “Private finance initiative hospital architecture: towards a political economy of the Royal Liverpool University Hospital, *Sociology of Health & Illness* 40 (2), 327-29.

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Kaji-O’Grady, Sandra and Chris L. Smith *LabOratory: Speaking of Science and Its Architecture*. MIT Press, 2019.

Kaji-O’Grady, Sandra, Chris L. Smith, Russell Hughes. *Laboratory Lifestyles: The Construction of Scientific Fictions*. MIT Press, 2018.

Kearns, Robin A. and J. Ross Barnett, “To Boldly Go? Place, Metaphor, and the Marketing

of Auckland's Starship Hospital,” *Environment and Planning D: Society and Space* 17, 2 (April 1999), 201 – 26.

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Knoblauch, Joy. "The Permeable Institution: Community Mental Health Centers as Governmental Technology (1963 to 1974)," *Spatializing Politics: Essays on Power and Place,* eds Delia Wendel and Fallon Samuels Aidoo. Harvard University Press, Harvard Graduate School of Design, 2016.

Kohler, Robert, “Labscapes: Naturalizing the Lab” *History of Science* 40, 4 (2002), 473-500

Kohler, Robert, “Lab History: Reflections” *Isis* 99, 4 (2008), 761-68.

Leslie, Stuart, “A Different Kind of Beauty: Scientific and Architectural Style in IM Pei’s Mesa Laboratory and Louis Kahn’s Salk Institute,” *Historical Studies in the Natural Sciences* 38, no. 2 (2008), 173-221.

Mantel, Hilary. *Ink in the Blood: A Hospital Diary*. Fourth Estate, 2010.

McCoy, Esther, “Dr Salk Talks about his Institute,” *Architectural Forum* 127 (December 1967), 32.

Penner, Barbara, “The Cornell Kitchen: Housing and Design Research in Postwar America,” *Technology and Culture* 59, 1 (January 2018), 48-94.

Peters, Terri, ed. *Design for health: sustainable approaches to therapeutic architecture*, special issue of AD magazine, 2017.

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Sacks, Oliver, “The Lost Virtues of the Asylum,” *New York Review of Books* (September 24, 2009).

Schrank, Sarah and Didem Ekici, eds*. Healing Spaces, Modern Architecture, and the Body*. Routledge, 2018.

Sclater Lewis, David. *Royal Victoria Hospital 1887-1947*. Montreal: McGill University Press, 1969.

Schlich, Thomas "Surgery, Science and Modernity: Operating Rooms and Laboratories

as Spaces of Control," *History of Science* 45 (2007), 231-56.

Sloane, David and Beverlie Conant Sloane. *Medicine Moves to the Mall.* Johns Hopkins University Press, 2002.

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Topp, Leslie. *Freedom and the Cage: Modern Architecture and Psychiatry in Central Europe, 1890-1914*. University Park: Pennsylvania State University Press, 2016.

Vardouli T. and Theodore D., “Walking Instead of Working: Space Allocation, Automatic Architecture, and the Abstraction of Hospital Labor,” *Ieee Annals of the History of Computing* (2020). <https://doi.org/10.1109/MAHC.2020.2990111>.

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PODCASTS, BLOGS, EXHIBITS

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Owens, Trevor. http://www.trevorowens.org/2020/07/on-digital-history-audiences-archives-tools-and-sources/

“The Kirkbride Plan”

<https://99percentinvisible.org/episode/the-kirkbride-plan/>

“Sound and Health: Hospitals”

<https://99percentinvisible.org/episode/sound-and-health-hospitals/>

“Castle on the Park”

https://99percentinvisible.org/episode/castle-on-the-park/

READINGS ABOUT WRITING AND RESEARCH

Belcher, Wendy Laura. *Writing Your Journal Article in Twelve Weeks : A Guide to Academic Publishing Success*. Seconded. Chicago Guides to Writing, Editing, and Publishing. Chicago: University of Chicago Press, 2019.

Borden, Iain, and Rüedi Katerina. *The Dissertation : An Architecture Student's Handbook*. 2nd ed. Seriously Useful Guides--. Amsterdam: Architectural Press, 2006.

Billig, Michael. *Learn to Write Badly : How to Succeed in the Social Sciences*. Cambridge: Cambridge University Press, 2013.

Bloch, Marc. *The Historian's Craft*. New York: Knopf, 1959.

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Callaci, Emily. On Acknowledgments, The American Historical Review, Volume 125, Issue 1, February 2020, Pages 126–131, <https://doi.org/10.1093/ahr/rhz938>

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Reynolds, Henry. *Why Weren’t We Told: A personal search for the truth about our history.* Penguin, 2000.

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