

HISC 180/280 History of Science Policy

Professor Tal Golan

Spring 2018

Tuesdays: 9.00p–11.50 , HSS 4025

Office Hours: Thursdays 11.15-12.15

Schedule:

Week 1 (Apr 3) Intro

Week 2 (Apr 10) State and Science in the 19th and early-20th century

Dupree, A. Hunter. Science in the Federal Government

Week 3 (Apr 17) State and Nature in the early-20th century

Hays, Sam. Conservation and The Gospel Of Efficiency

Week 4 (Apr 24) State and Science in the Cold War Era

Bush, Vannevar. Science The Endless Frontier , selected chapters

Don Price, The Scientific Estate

Week 5 (May 1) Public Health at the workplace

Sellers, Christopher . Hazards of the Job

Week 6 (May 8) Seeing like a State

Scott, James C. Seeing like a State

Week 7 (May 15) Regulation + Submission of a draft of the final paper.

Jasanoff, Sheila. The Fifth Branch

Week 8 (May 22) Democracy and Science

Turner, Stephen. Liberal Democracy 3.0, selected chapters

Fischer, Frank. Democracy and Expertise, selected chapters

Week 9 (May 29) The New production of Knowledge

Gibbons et al., The New production of Knowledge

Week 10 (Jun 5) TBD

June 11 (noon) Submission of final paper.

Class list

Hsu, Yen-Ting	yehsu@ucsd.edu
Tschopp, Trisha Marie	ttschopp@ucsd.edu
Gerba, Dylan J	dgerba@ucsd.edu

Ghias, Dannish	dghias@ucsd.edu
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Omar, Farhiya Ibrahim	fomar@ucsd.edu
Su, Martin King	m3su@ucsd.edu
Leal Ruiz, Sofia Valeria	slealrui@ucsd.edu

Books list:

- Beck Ulrich, Risk Society: Towards a New Modernity (Sage, 1992; Translated from the German Risikogesellschaft, 1986).
- Bernstein, Michael, A Perilous Progress: Economists and Public Purpose in Twentieth Century America (Princeton University Press, 2001).
- Breyer Stephen, Breaking the Vicious Circle: Towards Effective Risk Regulation (Cambridge, MA:Harvard University Press, 1994)
- Bush Vannevar. Science The Endless Frontier (NSF, 1990)
- Dupree Hunter. Science in the Federal Government: A History of Policies and Activities (Cambridge: Belknap, 1957).
- Fischer Frank, Democracy and Expertise (Oxford UP, 2009)
- Hays Sam. Conservation and The Gospel Of Efficiency; The Progressive Conservation Movement, 1890-1920 (Harvard UP, 1959; U of Pittsburgh, 1999)
- Jasanoff Sheila. The Fifth Branch: Science Advisers as Policymakers (Cambridge, MA: Harvard University Press, 1994)
- Scott James. Seeing like a State: How Certain Schemes to Improve the Human Condition Have Failed (Yale UP, 1999)
- Sellers Christopher C. Hazards of the Job: From Industrial Disease to Environmental Health Science (UNC Press, 1999)
- Turner Stephen, Liberal Democracy 3.0 (Sage, 2003)

Grade

- Final paper: 75%
- Class performance: 25%

Others:

- Read the assigned texts and come ready to discuss them in class.
- Each meeting will be managed by a group of two students who will:
 - Distribute by the preceding Monday a set of questions for discussion
 - Present the topic/book in class and lead class discussion.