

HISC 180/280 History of Science Policy

Professor Tal Golan

Winter 2016

Tuesdays: 10:00p–12.50 , HSS 3027

Office Hours: Tuesdays 13.00-14.00

Schedule:

Jan 4 Intro

Week 2 State and Science I: 19th and early-20th century

Dupree, A. Hunter. Science in the Federal Government

Week 3 State and Nature: Early-20th century

Hays, Sam. Conservation and The Gospel Of Efficiency

Week 4 State and Science II: Cold War Era

Bush, Vannevar. Science The Endless Frontier , selected chapters

Don Price, The Scientific Estate

Week 5 State and Science III: Post Cold Era

Jasanoff, Sheila. The Fifth Branch: selected chapters

Scott, James C. Seeing like a State, selected chapters

Week 6 State & Science IV: 21st Century

Chris Mooney. The Republican War on Science.

Week 7 State & Science V: Remedies + Submission of paper 1

Turner, Stephen. Liberal Democracy 3.0, selected chapters

Fischer, Frank. Democracy and Expertise, selected chapters

Week 8 Public Health at the workplace

Sellers, Christopher . Hazards of the Job

Week 9 Economy

Michael Bernstein, A Perilous Progress: Economists and Public Purpose in Twentieth Century America

Week 10 The New production of Knowledge

Gibbons et al., The New production of Knowledge

Jun 12 10 a.m. – Submission of paper 2

Participants list:

Hale, Kevin Francis	kfhale@ucsd.edu
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Bernal, Thomas Edward	tbernal@ucsd.edu
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Lin, Yun Chin	ycl021@ucsd.edu
Nguyen, Peter Thanh	ptn003@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

- Two papers: 40% each.
- Class performance: 20%

Varia:

- Read the assigned texts and come ready to discuss them in class. Each meeting will be managed by a group of 2 students who will distribute by the preceding Monday a set of questions for discussion; present the topic/book in class and lead class discussion.