Science Studies Core Seminar  COGR 225B, HIGR 239, SOCG 255B
Winter 2013
Tuesdays, 9:30 - 12:20,  H&SS 3027

Professors:
Nancy Cartwright  nancy.cartwright@durham.ac.uk  Office hours: Mondays 1-2 p.m.;
Thursdays 1-2 p.m. H&SS 7023
Golan Tal  tgolan@ucsd.edu  office hours: Tuesdays, 2-3 p.m., H&SS 4044

This seminar will explore some of the roles scientific evidence plays in society. It is the
second installment of the three-part core sequence required for all students in the Science
Studies Program.

Preliminary book List:
Alexander Welsh. Strong Representations: Narrative and Circumstantial Evidence in
England  (Johns Hopkins UP, 1992)

Nancy Cartwright and Jeremy Hardie. Evidence-Based Policy. A Practical Guide to
Doing It Better. (Oxford UP, 2012)

Peter Howlett and Mary S. Morgan (Editors). How Well Do Facts Travel? The
Dissemination of Reliable Knowledge  (Cambridge UP, 2011)

Stephen Fienberg. The Evolving Role of Statistical Assessments as Evidence in the
Courts  (Springer-Verlag, 1988)


Lorraine Daston and Peter Galison. Objectivity (Zone Books, 2007)

More readings will be announced later. The readings will be available via SSH library
electronic reserves (http://reserves.ucsd.edu/eres/default.aspx) or placed on physical
reserve at SSH or will be available on the Web-CT site for the course.

Assessment
Two review papers: 25% each
Final paper: 40%
Class discussion and presentation: 10%

Presentation and Coursework
A group of students will lead each session. They will:
a. Prepare a set of questions before the session and distribute it by Monday.
b. Present short reviews in class and lead discussion
   c. Write an essay (circa 5 pp) about that Session’s topic and enter it the Session after.
Each student should present two times during the quarter and submit two review papers.

**Attendance policy.**
Attendance at seminars is mandatory.
If you miss more than two seminars during the term, without prior permission or valid reason (e.g. medical or family emergency) you may fail the course.

**Session 1  8 January  Introduction**
Reading:  Lorraine Daston and Peter Galison. ‘The Image of Objectivity’, Representations (Autumn, 1992), 81-128
**Presenters:**

**Session 2  Donna Haraway's workshop**
Students will attend the SSP workshop with Donna Haraway. Those unable to attend should write a 3 page summary of one of her works. (To be discussed.)

**Session 3  22 January  Representation**
Reading:  Alexander Welsh. Strong Representations: Narrative and Circumstantial Evidence in England
**Presenters:**

**Session 4  29 January  Production**
Reading:  Hasok Chang. Is Water H2O? Evidence, Realism and Pluralism
**Presenters:**

**Session 5  5 February  Travel**
Reading:  Peter Howlett and Mary S. Morgan (Editors). How Well Do Facts Travel? The Dissemination of Reliable Knowledge
**Presenters:**

**Session 6  12 February  Policy**
Reading:  Nancy Cartwright and Jeremy Hardie. Evidence-Based Policy. A Practical Guide to Doing It Better
**Presenters:**

**Session 7  19 February  Economy**

**Session 8  28 February  Statistics**
Stephen Fienberg. The Evolving Role of Statistical Assessments as Evidence in the Courts, excerpts

Presenters:

Session 9  5 March  Catch up

Session 10  12 March  To be decided

Class list:
Carvalho, Tito  tcarvalh@ucsd.edu
Dalla, Florentia  fdalla@ucsd.edu
Dryer, Theodora  tdryer@ucsd.edu
Hirsch, Nicholas  nihirsch@ucsd.edu
Everhart, Donald  deverhar@ucsd.edu
Forssman, Natalie  nforssma@ucsd.edu
Sengul-Jones, MoniKa  msengulj@ucsd.edu
Valasek, Chad  cvalasek@ucsd.edu