## PHILOSOPHY 128

Philosophy of Science

Spring 2013

U.C., Berkeley

Prof. Roush

## Contents

Selections, Carl G. Hempel	1
from: Aspects of Scientific Explanation, Free Press, 1965, 333-354 412-415, 364-376, 376-403.	,
<b>'Statistical Explanation,' Wesley Salmon</b> from: <i>The Nature and Function of Scientific Theories</i> , R. Colodny University of Pittsburgh Press, 1970, 173-231.	## ed.,
<b>'Explanatory Unification,' Philip Kitcher</b> from: <i>The Philosophy of Science</i> , R. Boyd et al. eds., MIT Press, 1991, 329-348.	##
<ul> <li>'Sceptical Doubts,' David Hume</li> <li>'Sceptical Solution,' David Hume from: An Enquiry Concerning Human Understanding, ed. T. L. Be Oxford University Press, 1999, 108-130.</li> </ul>	## ### auchamp,
<b>'Conjectural Knowledge,' Karl Popper</b> from: <i>Objective Knowledge</i> , Oxford University Press, 1979, 1-31.	###
<b>'Rational Prediction,' Wesley Salmon</b> from: <i>The Limitations of Deductivism</i> , A. Grünbaum and W. Salmo University of California Press, Berkeley, 1988, 47-60.	### on eds.,
<b>'Bayesian and Non-Bayesian Approaches,' C. Howson &amp; P. Urbach</b> from: <i>Scientific Reasoning</i> , Open Court, Chicago, 1993, 117-131.	###
<b>'Models and Theories,' Ronald N. Giere</b> Chapter 3 of <i>Explaining Science</i> , University of Chicago Press, Chicago and London, 1988, 62-91.	###
<b>'Computational Science,' Paul Humphreys</b> Chapter 3 of <i>Extending Ourselves: Computational Science,</i> <i>Empiricism, and Scientific Method</i> , Oxford University Press, Oxford, 2004, 49-104.	###