

**SABINE MAASEN / MATTHIAS WINTERHAGER (EDS.)**

**SCIENCE STUDIES**

Probing the Dynamics of Scientific Knowledge

**[transcript]**

## CONTENTS

Introduction	9
<hr/>	
<b>Science Studies.</b>	
<b>Probing the Dynamics of Scientific Knowledge</b>	
SABINE MAASEN AND MATTHIAS WINTERHAGER	9
<hr/>	
Eugenics – Looking at the Role of Science Anew	55
<b>A Statistical Viewpoint on the Testing of Historical Hypotheses: The Case of Eugenics</b>	
DIANE B. PAUL	57
<hr/>	
Humanities – Inquiry Into the Growing Demand for Histories	71
<b>Making Sense</b>	
WOLFGANG PRINZ	73
<hr/>	
Bibliometrics – Monitoring Emerging Fields	85
<b>A Bibliometric Methodology for Exploring Interdisciplinary, ‘Unorthodox’ Fields of Science. A Case Study of Environmental Medicine</b>	
ANTHONY F.J. VAN RAAN, MARTIJN S. VISSER, AND THED N. VAN LEEUWEN	87
<hr/>	
Science Policy – Making Universities Cope with Science Today	123
<b>German Universities on the Threshold of the Twenty-First Century</b>	
WILHELM KRULL	125

Evolutionary Theory and the Social Sciences – Increasingly a Mutual Exchange	145
<b>Culture is Part of Human Biology.</b> <b>Why the Superorganic Concept Serves</b> <b>the Human Sciences Badly</b>	
PETER J. RICHERSON AND ROBERT BOYD	147
Climatology – Innovative Research Strategies in a Dynamic Field	179
<b>Making Ice Talk: Notes from a Participant Observer</b> <b>on Climate Research in Antarctica</b>	
AANT ELZINGA	181
Metaphors – Moving Targets in the (Social) Sciences	213
<b>Why Metaphor? Toward a Metaphorics</b> <b>of Scientific Practice</b>	
JAMES J. BONO	215
Science and the Public – Pushing PUS with Science Studies	235
<b>What Kind of ‘Public Understanding of Science’</b> <b>Programs Best Serve a Democracy?</b>	
BRUCE V. LEWENSTEIN	237
Knowledge Politics – The Paradox of Regulating Knowledge Dynamics	257
<b>Policing Knowledge</b>	
NICO STEHR	259
Indices	291
Subjects	291
Authors	297