

CONTENTS

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

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