

# Contents

- 1 Introduction: Psychological Studies of Science and Technology** 1  
*Kieran C. O'Doherty, Lisa M. Osbeck, Ernst Schraube and Jeffery Yen*
- Part I Scoping a New Psychology of Science and Technology**
- 2 Academic Subjectivity, Idols, and the Vicissitudes of Virtues in Science: Epistemic Modesty Versus Epistemic Grandiosity** 31  
*Thomas Teo*
- 3 Rethinking Psychology of Technology for Future Society: Exploring Subjectivity from Within More-Than-Human Everyday Life** 49  
*Niklas Alexander Chimirri and Ernst Schraube*

4	<b>Neuroscience and the New Psychologies: Epistemological First Aid</b> <i>Henderikus J. Stam</i>	77
<b>Part II Applying Psychological Concepts to the Study of Science and Technology</b>		
5	<b>“Groping for Trouts in a Peculiar River:” Challenges in Exploration and Application for Ethnographic Study of Interdisciplinary Science</b> <i>Lisa M. Osbeck and Nancy J. Nersessian</i>	103
6	<b>Scientists as (Not) Knowing Subjects: Unpacking Standpoint Theory and Epistemological Ignorance from a Psychological Perspective</b> <i>Nora Ruck, Alexandra Rutherford, Markus Brunner and Katharina Hametner</i>	127
7	<b>Social Networks in the History of Psychology</b> <i>Michael Pettit</i>	149
8	<b>Engaging Publics on Asthma and Bacteria: Understanding Potential Negative Social Implications of Human Microbiome Research</b> <i>Amanda Jenkins, Shannon Cunningham and Kieran C. O’Doherty</i>	167
<b>Part III Critical Perspectives on Psychology as a Science</b>		
9	<b>A New Psychology for a New Society: How Psychology Can Profit from Science and Technology Studies</b> <i>Estrid Sørensen</i>	191

<b>10</b>	<b>The Social Production of Evidence in Psychology: A Case Study of the APA Task Force on Evidence-Based Practice</b>	213
	<i>Nathalie Lovasz and Joshua W. Clegg</i>	
<b>11</b>	<b>Philosophical Reflexivity in Psychological Science: Do We Have It? Does It Matter?</b>	237
	<i>Kathleen Slaney, Donna Tafreshi and Charlie A. Wu</i>	
<b>12</b>	<b>A Meeting of Minds: Can Cognitive Psychology Meet the Demands of Queer Theory?</b>	257
	<i>Sapphira R. Thorne and Peter Hegarty</i>	
<b>13</b>	<b>A Gendered Prestige: The Powers at Play When Doing Psychology with Ink Blots/Statistics</b>	279
	<i>Katherine Hubbard and Natasha Bharj</i>	
<b>14</b>	<b>Psychology in Times of Smart Systems—Beyond Cyborgs and Intra-action</b>	299
	<i>Ines Langemeyer</i>	
	<b>Index</b>	325