

Cambridge University Press & Assessment
978-1-107-00014-8 — New Perspectives on Type Identity
The Mental and the Physical
Edited by Simone Gozzano , Christopher S. Hill
Frontmatter
[More Information](#)

NEW PERSPECTIVES ON TYPE IDENTITY

The type identity theory, according to which types of mental state are identical to types of physical state, fell out of favor for some years but is now being considered with renewed interest. Many philosophers are critically re-examining the arguments which were marshaled against it, finding in the type identity theory both resources to strengthen a comprehensive, physicalistic metaphysics, and a useful tool in understanding the relationship between developments in psychology and new results in neuroscience. This volume brings together leading philosophers of mind, whose essays challenge in new ways the standard objections to type identity theory, such as the multiple realizability objection and the modal argument. Other essays show how cognitive science and neuroscience are lending new support to type identity theory, and still others provide, extend, and improve traditional arguments concerning the theory's explanatory power.

SIMONE GOZZANO is Professor of Philosophy of Mind at the University of L'Aquila. He is the author of four books (in Italian) on topics such as Intentionality, Animal Minds, Mental Causation, and Consciousness. He is the co-editor, with Francesco Orilia, of *Tropes and the Philosophy of Mind* (2008).

CHRISTOPHER S. HILL is Professor of Philosophy at Brown University. He is the author of three books: *Sensations: A Defense of Type Materialism* (Cambridge, 1991), *Thought and World: An Austere Portrayal of Truth, Reference, and Semantic Correspondence* (Cambridge, 2002), and *Consciousness* (Cambridge, 2009).

Cambridge University Press & Assessment
978-1-107-00014-8 — New Perspectives on Type Identity
The Mental and the Physical
Edited by Simone Gozzano , Christopher S. Hill
Frontmatter
[More Information](#)

NEW PERSPECTIVES ON TYPE IDENTITY

The Mental and the Physical

EDITED BY
SIMONE GOZZANO
AND
CHRISTOPHER S. HILL



CAMBRIDGE
UNIVERSITY PRESS

Cambridge University Press & Assessment
 978-1-107-00014-8 — New Perspectives on Type Identity
 The Mental and the Physical
 Edited by Simone Gozzano, Christopher S. Hill
 Frontmatter
[More Information](#)



CAMBRIDGE
UNIVERSITY PRESS

Shaftesbury Road, Cambridge CB2 8EA, United Kingdom

One Liberty Plaza, 20th Floor, New York, NY 10006, USA

477 Williamstown Road, Port Melbourne, VIC 3207, Australia

314-321, 3rd Floor, Plot 3, Splendor Forum, Jasola District Centre, New Delhi – 110025, India

103 Penang Road, #05-06/07, Visioncrest Commercial, Singapore 238467

Cambridge University Press is part of Cambridge University Press & Assessment,
 a department of the University of Cambridge.

We share the University's mission to contribute to society through the pursuit of
 education, learning and research at the highest international levels of excellence.

www.cambridge.org

Information on this title: www.cambridge.org/9781107000148

© Cambridge University Press & Assessment 2012

This publication is in copyright. Subject to statutory exception and to the provisions
 of relevant collective licensing agreements, no reproduction of any part may take
 place without the written permission of Cambridge University Press & Assessment.

First published 2012

First paperback edition 2015

A catalogue record for this publication is available from the British Library

Library of Congress Cataloging-in-Publication data

New perspectives on type identity : the mental and the physical /
 [edited by] Simone Gozzano, Christopher S. Hill.

pages cm

Includes bibliographical references and index.

ISBN 978-1-107-00014-8

1. Dualism 2. Typology (Psychology) 3. Materialism. 1. Gozzano, Simone, editor of
 compilation. II. Hill, Christopher S., editor of compilation.

B812.N49 2012

128'.2—dc 23

2011044364

ISBN 978-1-107-00014-8 Hardback

ISBN 978-1-107-51542-0 Paperback

Cambridge University Press & Assessment has no responsibility for the persistence
 or accuracy of URLs for external or third-party internet websites referred to in this
 publication and does not guarantee that any content on such websites is, or will
 remain, accurate or appropriate.

Cambridge University Press & Assessment
978-1-107-00014-8 — New Perspectives on Type Identity
The Mental and the Physical
Edited by Simone Gozzano , Christopher S. Hill
Frontmatter
[More Information](#)

*For SG's family, Costanza, Emilia, and Eugenio, and
two stellar friends of CSH's, Tony Brueckner and Ivan Fox.*

Contents

<i>List of contributors</i>	<i>page ix</i>
<i>Acknowledgements</i>	<i>x</i>
Introduction	<i>I</i>
<i>Simone Gozzano and Christopher S. Hill</i>	
1 Acquaintance and the mind–body problem	<i>16</i>
<i>Katalin Balog</i>	
2 Identity, reduction, and conserved mechanisms: perspectives from circadian rhythm research	<i>43</i>
<i>William Bechtel</i>	
3 Property identity and reductive explanation	<i>66</i>
<i>Ansgar Beckermann</i>	
4 A brief history of neuroscience’s actual influences on mind–brain reductionism	<i>88</i>
<i>John Bickle</i>	
5 Type-identity conditions for phenomenal properties	<i>III</i>
<i>Simone Gozzano</i>	
6 Locating qualia: do they reside in the brain or in the body and the world?	<i>127</i>
<i>Christopher S. Hill</i>	
7 In defence of the identity theory mark I	<i>150</i>
<i>Frank Jackson</i>	
8 The very idea of token physicalism	<i>167</i>
<i>Jaegwon Kim</i>	

Cambridge University Press & Assessment
978-1-107-00014-8 — New Perspectives on Type Identity
The Mental and the Physical
Edited by Simone Gozzano , Christopher S. Hill
Frontmatter
[More Information](#)

viii	CONTENTS	
9	About face: philosophical naturalism, the heuristic identity theory, and recent findings about prosopagnosia <i>Robert N. McCauley</i>	186
10	On justifying neurobiologicalism for consciousness <i>Brian P. McLaughlin</i>	207
11	The causal contribution of mental events <i>Alyssa Ney</i>	230
12	Return of the zombies? <i>John Perry</i>	251
13	Identity, variability, and multiple realization in the special sciences <i>Lawrence A. Shapiro and Thomas W. Polger</i>	264
	<i>Index</i>	288

Cambridge University Press & Assessment
978-1-107-00014-8 — New Perspectives on Type Identity
The Mental and the Physical
Edited by Simone Gozzano , Christopher S. Hill
Frontmatter
[More Information](#)

Contributors

KATALIN BALOG, Rutgers University, USA
WILLIAM BECHTEL, University of California at San Diego, USA
ANSGAR BECKERMANN, Bielefeld Universität, Germany
JOHN BICKLE, Mississippi State University, USA
SIMONE GOZZANO, Università di L'Aquila, Italy
CHRISTOPHER S. HILL, Brown University, USA
FRANK JACKSON, Princeton University, USA; The Australian National
University, Australia
JAEGWON KIM, Brown University, USA
ROBERT N. MCCAULEY, Emory University, USA
BRIAN P. MCLAUGHLIN, Rutgers University, USA
ALYSSA NEY, University of Rochester, USA
JOHN PERRY, University of California, Riverside, USA
THOMAS W. POLGER, University of Cincinnati, USA
LAWRENCE A. SHAPIRO, University of Wisconsin, USA

Cambridge University Press & Assessment
978-1-107-00014-8 — New Perspectives on Type Identity
The Mental and the Physical
Edited by Simone Gozzano , Christopher S. Hill
Frontmatter
[More Information](#)

Acknowledgements

The aim of this book is to stimulate a reconsideration of the type-identity theory. We thank our fellow contributors for sharing our enthusiasm for this goal, for providing advice as to how best to achieve it, and for keeping and surpassing the promises made in their abstracts. We are particularly grateful to Larry Shapiro and Thomas Polger. When the book was just an idea, they supported its realization with zeal. We also wish to thank Hilary Gaskin, our editor at Cambridge University Press, for providing support and advice, both early and late, and for selecting splendid referees. A number of friends and colleagues have commented on the project, providing insightful criticism and suggestions. We are particularly grateful to Ausonio Marras, Stephen White, Mauro Dorato, Andrea Iacona, and Mario De Caro. In addition, we wish to acknowledge the contributions of Alexandra King, Anna Lowe, and Rob Wilkinson, who have provided valuable editorial assistance in the later stages, and the stimulating environments offered by our home departments, the Dipartimento di Storia e Metodologie Compareate at the Università di L'Aquila, and the Philosophy Department at Brown University.