

*CCAR Journal*  
*The Reform Jewish Quarterly*

## Contents

FROM THE EDITOR

- At the Gates — בשעריהם** ..... 1

ARTICLES

- Editors' Introduction: Why Science Matters to Judaism** ..... 3  
Philip Cohen and Hava Tirosh-Samuelson
- Part I: Responding to Norbert Samuelson**
- The Challenges of the Modern Sciences for Jewish Faith** ..... 12  
    Norbert M. Samuelson
- Searching for the Quantum God: On Judaism and Modern Science** ..... 28  
    Victoria Ziva Frappollo
- Jewish Philosophy, Science, and the Humanities** ..... 50  
    Zachary Braiterman
- Part II: Judaism and the Physical Sciences**
- Judaism and Physics** ..... 58  
    Peter Ochs
- Revisiting Creation, Natural Events and Their Emergent Patterns** ..... 72  
    Bradley Shavit Artson
- Why We Need Process Theology** ..... 84  
    Toba Spitzer
- Part III: Science and Judaism: Methodological Considerations**
- A Jewish View of the Evolution of Religion** ..... 96  
    Allen S. Maller

CONTENTS

<b>Dreams: The True Religion-Science Conflict.....</b>	<b>111</b>
Russell Jay Hendel	
<b>Rethinking Conjoined Twins.....</b>	<b>125</b>
Jonathan K. Crane	
<b>Part IV: The Human Sciences: Neuroscience, Psychology, and Education</b>	
<b>Mystical and Spiritual, Neurological and Theological ....</b>	<b>142</b>
Ralph D. Mecklenburger	
<b>Neuro-Jewish Education: An Introduction .....</b>	<b>161</b>
Justus N. Baird	
<b>The Science behind <i>Yetzer Hara</i>.....</b>	<b>178</b>
Geoffrey A. Mitelman	
<b>The Case for Science Education in Our Religious Schools .....</b>	
	<b>186</b>
Laurie Green	
<b>Part V: Rethinking Creation Theology Science and Judaism in Light of Today's Ecological Imperative.....</b>	
	<b>194</b>
Fred Scherlinder Dobb	
<b>Not Playing to Empty Benches: The Role of Mind in the Search for Meaning.....</b>	
	<b>210</b>
Lawrence Troster	
<b>Judaism and Science: Selected Bibliography .....</b>	<b>227</b>
<b>RESPONSE TO THE SPRING 2011 SYMPOSIUM</b>	
<b>Michael Perelmuter .....</b>	<b>230</b>
<b>RESPONSES TO THE SUMMER 2011 ISSUE</b>	
<b>Paul Golomb .....</b>	<b>232</b>
<b>David Zucker.....</b>	<b>236</b>
<b>Joshua Segal.....</b>	<b>237</b>
<b>BOOK REVIEWS</b>	
<b>Poetry Feeds the Jewish Soul: Introducing Four Reviews .....</b>	
	<b>240</b>
Adam D. Fisher	

CONTENTS

<i>Finding Words</i> .....	241
Merle Feld	
Reviewed by Ruthie Gelfarb	
<i>God's Optimism</i> .....	243
Yehoshua November	
Reviewed by James Rosenberg	
<i>70 Faces: Torah Poems</i> .....	245
Rachel Barenblat	
Reviewed by Adam D. Fisher	
<i>Until the Blue Kingdom Comes</i> .....	247
James B. Rosenberg	
Reviewed by Adam D. Fisher	