

Contents

Figures and Tables	ix
Foreword	xi
Edward F. Lawlor	
Preface	xiii
Debra Haire-Joshu and Timothy D. McBride	
The Editors.....	xix
The Contributors.....	xxi

Part 1 Defining Transdisciplinary Research and Education..... 1

- 1 Transdisciplinary Public Health: Definitions, Core Characteristics, and Strategies for Success** 3
Daniel Stokols, Kara L. Hall, Amanda L. Vogel
- 2 Transdisciplinary Training and Education**31
Sarah Gehlert, Teri Browne
- 3 Competencies in Transdisciplinary Public Health Education** 53
Lauren D. Arnold, J. Aaron Hipp, Anne Sebert Kuhlmann, Elizabeth Budd
- 4 Measuring Success: An Evaluation Framework for Transdisciplinary Public Health.....** 79
Douglas A. Luke, Sarah Moreland-Russell, Stephanie Herbers

Part 2 Cross-Cutting Themes in Transdisciplinary Research 99

- 5 Transdisciplinary Approaches: Sorting Out the Socioeconomic Determinants of Poverty and Health.....** 101
Timothy D. McBride, Lisa M. Pollack, Abigail R. Barker, Leah M. Kemper
- 6 Transdisciplinary Public Policy: The Roles of Law and Public Health in Creating Public Policy.....** 125
Sidney D. Watson

7	Sociocultural Perspectives Applied to Transdisciplinary Public Health	141
	Bradley P. Stoner	
8	Evidence-Based Decision Making: Transdisciplinary Problem Solving to Improve the Health of the Public	155
	Ross C. Brownson	
Part 3	Transdisciplinary Practice: Case Studies in Domestic Health	187
9	Transdisciplinary Methods in the Prevention and Control of Maternal-Child Obesity	189
	Debra Haire-Joshu	
10	Transdisciplinary Approaches to Violence and Injury Prevention and Treatment among Children and Youth	217
	Melissa Jonson-Reid, Nancy Weaver, Brett Drake, John Constantino	
11	Transdisciplinary Problem Solving for Integrating Public Health and Social Service Systems to Address Health Disparities	249
	Matthew W. Kreuter, Debbie Pfeiffer	
Part 4	Transdisciplinary Practice: Case Studies in Global Health	265
12	Transdisciplinary Problem Solving for Global Hunger and Undernutrition	267
	Lora Iannotti	
13	Implementing Public Health Interventions in Developing Countries: A Transdisciplinary Solution for Safe Drinking Water in Rural India	297
	Ramesh Raghavan, Ravikumar Chockalingam, Zeena Johar	
14	Indoor Air Pollution and Respiratory Health: A Transdisciplinary Vision	319
	Gautam Yadama, Kenneth B. Schechtman, Pratim Biswas, Mario Castro, Nishesh Chalise	
	Name Index	341
	Subject Index	363