CONTENTS

Preface		ix
Acknowledgments		xiii
Chapter 1	Neuromuscular Physiology	1
Chapter 2	The Role of Respiration in Swimming Performance	59
Chapter 3	The Roles of Circulation and Hormones in Swimming Performance	95
Chapter 4	Energy Metabolism for Swimmers	137
Chapter 5	What Causes Muscular Fatigue?	191
Chapter 6	Training Theory	225
Chapter 7	Training Specifics	263
Chapter 8	Season Planning	345
Chapter 9	Monitoring Training	393
Chapter 10	The Taper	409
Chapter 11	Training Female Swimmers	429
Chapter 12	Training Age-Group Swimmers	457
Chapter 13	Training Masters Swimmers	521
Author's Contact Information		543
Index		545