

# Contents

Preface

xiii

01

## **INTRODUCTION TO THE ANTHROPOLOGY OF HEALTH 1**

INTRODUCTION AND OVERVIEW 1

ENCOUNTERING HEALTH ANTHROPOLOGY 2

PRACTICAL AND THEORETICAL CONTRIBUTIONS OF HEALTH ANTHROPOLOGY 8

Clarifying the Culture of Health and Illness 9

Health Inequality 10

DEFINING HEALTH ANTHROPOLOGY 10

Culture and Biology 11

Sex, Gender, and Sexuality 12

HISTORY OF HEALTH ANTHROPOLOGY 14

The Straits Expedition 14

W. H. R. Rivers and Beyond 15

Rudolf Virchow 17

Erwin Ackerknecht and William Caudill 17

The Postwar Period 17

Health Anthropology and National Development 18

The Discipline Is Born 18

THE RELATIONSHIP OF HEALTH ANTHROPOLOGY TO ANTHROPOLOGY AND TO OTHER HEALTH-RELATED DISCIPLINES 19

Health Research and the Subfields of Anthropology 19

Health Anthropology and Epidemiology 22

Introducing Syndemics: A Successful Health Anthropology Concept	26
Illness and Help-Seeking Behavior	29
Health Anthropology and Public Health	29
Planetary Health	35
Health Anthropology and Bioethics	35
<b>HEALTH ANTHROPOLOGY THEORIES</b>	<b>36</b>
Medical Ecology	37
Meaning-Centered Health Anthropology	37
Critical Health Anthropology	38
<b>DISCUSSION QUESTIONS</b>	<b>39</b>
<b>02 WHAT HEALTH ANTHROPOLOGISTS DO AND HOW THEY DO IT</b>	<b>41</b>
INTRODUCTION AND OVERVIEW	41
HAVING IMPACT	47
WHAT HEALTH ANTHROPOLOGISTS STUDY	48
A Diverse Discipline	48
Studying the Life Course	51
CONDUCTING RESEARCH: A PECULIARLY ANTHROPOLOGICAL APPROACH	56
Holistic, Field-Based Understanding	56
Ethnography	57
Complex Sociocultural Tapestries	59
RESEARCH METHODS: THE ANTHROPOLOGICAL APPROACH TO KNOWLEDGE GENERATION	61
Multimethod Research	61
Examining Lives	63

Considering Consensus	64
Doing Diaries	65
Quantitative Methods	66
Broader Collaboration	66
HEALTH ANTHROPOLOGY IN USE	67
Mobilizing Research Findings	67
THE HEALTH ANTHROPOLOGY CRYSTAL BALL	69
DISCUSSION QUESTIONS	72
<b>03 UNDERSTANDING HEALTH, ILLNESS, AND DISEASE</b>	<b>75</b>
INTRODUCTION AND OVERVIEW	75
CONCEPTIONS OF HEALTH AND ILLNESS	75
Defining Terms	75
Differentiating Disease and Illness	77
Reconceptualizing Disease and Illness	78
Understanding Cure	79
Folk Understandings	80
Understandings of Disease Causation	81
Humanizing Biomedicine	83
SUFFERER EXPERIENCE	83
Experience and Cultural Symbols	83
Cultural Emotions	84
Social Suffering	86
Beyond Social Suffering	87
Mental Health	88
Disability and Chronic Illness	92
The Patient in the Body	93
The Cultural Construction of Disability	93
Stigmatization	94

	Human Rights and Health	96
	<b>ILLNESS NARRATIVES</b>	<b>98</b>
	The Social Uses of Narration	98
	Analyzing Narrative	99
	<b>EMBODIED HEALTH EXPERIENCE</b>	<b>100</b>
	Why Bodies?	101
	Body Theory	101
	Bodies in the Age of Immunology	103
	Cyborg Bodies	104
	Mindful Bodies	104
	Engendered Bodies	108
	Understanding Medicalization	108
	<b>HEALER VERSUS SUFFERER CONCEPTION OF DISEASE</b>	<b>109</b>
	The Two Sides of Compliance	109
	Insider and Outsider Assessments of Health Status	111
	<b>ONE WORD, TWO MEANINGS</b>	<b>111</b>
	Diseased but Not Ill	112
	Mismessaging	113
	Analyzing Health Discourse	113
	<b>DISCUSSION QUESTIONS</b>	<b>114</b>
<b>04</b>	<b>HUMAN EVOLUTION AND HEALTH</b>	<b>115</b>
	INTRODUCTION AND OVERVIEW	115
	THE ROOTS OF EVOLUTIONARY HEALTH	115
	LINKAGES, TRADE-OFFS, AND THRIFTY GENES	122
	MIGRATION AND THE GENETICS OF HEALTH	124
	THE OUT-OF-AFRICA INTRUSION	125
	LIVING IN THE CLOUDS	126
	EPIGENETICS	127

	SOCIOECONOMIC FACTORS	129
	THE GENETICS OF SEXUALITY	132
	CONCLUSION	133
	DISCUSSION QUESTIONS	134
		222
		223
<b>05</b>	<b>ETHNOMEDICINE: THE WORLDS OF TREATMENT AND HEALING</b>	<b>135</b>
	INTRODUCTION AND OVERVIEW	135
	APPROACHING ETHNOMEDICINE	135
	INDIGENOUS AND FOLK MEDICINE SYSTEMS	138
	Ways of Healing	138
	Typologies of Healing Systems	139
	AN EVOLUTIONARY MODEL OF DISEASE THEORIES AND HEALING SYSTEMS	142
	Health, Illness, and Medicine in Family-Level Foraging Societies	142
	Health, Illness, and Medicine in Village-Level Societies	145
	Health, Illness, and Medicine in Pastoralist Societies	147
	Health, Illness, and Medicine in Chiefdom Societies	148
	Folk Healers in Modern Societies	148
	BIOMEDICINE AS THE PREDOMINANT ETHNOMEDICINE IN MODERN SOCIETIES	152
	Hospitals	154
	Health Anthropology and the Pharmaceutical Industry	157
	DISCUSSION QUESTIONS	159
		248
		249
<b>06</b>	<b>PLURAL MEDICAL SYSTEMS: COMPLEXITY, COMPLEMENTARITY, AND CONFLICT</b>	<b>161</b>
	INTRODUCTION AND OVERVIEW	161
	TYPOLOGIES OF PLURAL MEDICAL SYSTEMS	176

	Healing and History	176
	Patients of CAM	180
	CAM and Class	183
	NEW DIRECTIONS IN THE STUDY OF MEDICAL PLURALISM	190
	Medical Syncretism	191
	Medical Diversity	192
	Medicoscapes	193
	The Globalization of Traditional Medicine and CAM	193
	DISCUSSION QUESTIONS	194
<b>07</b>	<b>HEALTH DISPARITY, HEALTH INEQUALITY</b>	<b>195</b>
	INTRODUCTION AND OVERVIEW	195
	WHAT IS HEALTH DISPARITY?	196
	HEALTH DISPARITY IN THE UNITED STATES	196
	GASPING FOR BREATH	198
	CAUSES OF HEALTH DISPARITY: LIFESTYLE VERSUS SOCIAL INEQUALITY	200
	Living Right	200
	Structural Explanation	200
	BIOLOGY OF POVERTY	202
	Do Black Lives Matter? Looking Back at Slave Health	203
	INSURING DISEASE	204
	CULTURALLY COMPETENT CARE	205
	HEALTH AND SOCIAL DISPARITIES CROSS-CULTURALLY	209
	Child and Maternal Health Disparities	211
	ADDRESSING HEALTH DISPARITIES	215
	Addressing Health Disparities in the Community	216
	Upstream Analyses of Health Disparities	217

Gender and Global Health	218
Focusing on Disparity in Diseases	219
Multidisciplinary Approaches	220
Studying Local Mediation of Global Health	221
PUSHING BACK ON HEALTH DISPARITIES	222
"RACE" AND HEALTH DISPARITY	223
Race and Racism	224
DISCUSSION QUESTIONS	225

## 08

### HEALTH AND THE ENVIRONMENT: TOWARD A HEALTHIER WORLD 227

INTRODUCTION AND OVERVIEW	227
MEDICAL ECOLOGY AND CRITICAL HEALTH ANTHROPOLOGY ON THE ENVIRONMENT	229
HEALTH AND THE ENVIRONMENT IN THE PAST	231
HEALTH AND THE ENVIRONMENT TODAY	233
Depletion of Natural Resources and Environmental Degradation	233
Infectious Diseases in a Globalizing World	238
The Impact of Climate Change on Health	239
Toward a Critical Anthropology of Climate Change	241
Other Environmental Impacts on Health	243
Water and Globalization	244
THE POLITICAL ECOLOGY OF CANCER	246
Cancer in the Community	247
Cancer and Industry	248
China's Cancer Villages	249
Anthropological Examinations of Cancer Treatment	250
Nuclear Reactors and Health	251
Unconventional Natural Gas Extraction and Health	252

818	THE IMPACT OF PRIVATE MOTOR VEHICLES ON HEALTH	252
819	THE IMPACT OF AIRPLANES ON HEALTH	253
820	THE POLITICAL ECOLOGY OF AIDS: ASSESSING A	
821	CONTEMPORARY SYNDEMIC	255
822	DISCUSSION QUESTIONS	258
823		
<b>09</b>	<b>THE BIOPOLITICS OF LIFE: BIOTECHNOLOGY, BIOCAPITAL, AND BIOETHICS</b>	<b>261</b>
	INTRODUCTION AND OVERVIEW	261
	CRITICAL HEALTH ANTHROPOLOGY AND BIOTECHNOLOGY	262
	SCIENCE, NATURE, AND CULTURE	263
	Biocapital: Bodies of Profit	266
	REPRODUCTIVE TECHNOLOGIES	267
	DIVISIBLE BODIES	270
	BRINGING THE LAB INTO THE FIELD: ANTHROPOLOGY	
	AND THE NEUROSCIENCES	272
	MOLECULAR BIOTECHNOLOGIES: TINY PIECES, GIANT	
	INFRASTRUCTURES	274
	THE STORY OF HGH—GROWING UP GROWTH HORMONE	276
	THE CULTURE OF PCR	277
	VISUALIZATION TECHNOLOGIES	279
	Testing and Screening for New Diseases	279
	WHEN TECHNOLOGIES COMBINE	281
	ANCESTRY, FAMILIES, AND GENETICS: BIOTECHNOLOGY AND	
	BELONGING	285
	SUMMARY	290
	DISCUSSION QUESTIONS	291
825		
826		
827		
828		

<b>10</b>	<b>STRATEGIES AND VISIONS FOR A HEALTHIER WORLD</b>	<b>293</b>
	INTRODUCTION AND OVERVIEW	293
	GLOBAL CAPITALISM	294
	DEMOCRATIC ECO-SOCIALISM AS A PATHWAY FOR A HEALTHIER WORLD	295
	DEMOCRATIC ECO-SOCIALISM AS A PATHWAY TO PLANETARY HEALTH	297
	HOW TO GO FROM A TO B	300
	HEALTH ANTHROPOLOGY AS AN ACTION-ORIENTED ENDEAVOR	304
	DISCUSSION QUESTIONS	307
	Source Material for Students	309
	Glossary	313
	References	317
	Index	341
	About the Authors	353

<b>10</b>	<b>STRATEGIES AND VISIONS FOR A HEALTHIER WORLD</b>	<b>293</b>
	INTRODUCTION AND OVERVIEW	293
	GLOBAL CAPITALISM	294
	DEMOCRATIC ECO-SOCIALISM AS A PATHWAY FOR A HEALTHIER WORLD	295
	DEMOCRATIC ECO-SOCIALISM AS A PATHWAY TO PLANETARY HEALTH	297
	HOW TO GO FROM A TO B	300
	HEALTH ANTHROPOLOGY AS AN ACTION-ORIENTED ENDEAVOR	304
	DISCUSSION QUESTIONS	307
	Source Material for Students	309
	Glossary	313
	References	317
	Index	341
	About the Authors	353