Contents

1	Gavin J. Andrews, Valorie A. Crooks, Jamie R. Pearce, and Jane P. Messina	1
Par	t I Theoretical Approaches and Perspectives	
2	Spatial Epidemiology: Challenges and Methods in COVID-19 Research Varun Goel and Michael Emch	23
3	Disease Ecology	31
4	COVID-19 and the Political Ecology of Global Food and Health Systems. Eric D. Carter and William G. Moseley	39
5	Setting a Death Trap: International Political Economy, COVID-19 Response and the Plight of Central American Migrants Neil Hanlon and Catherine Nolin	47
6	Emergent Global Pandemic Risks, Complex Systems, and Population Health	55
7	Eight Centuries of Epidemic and Pandemic Control Matthew Smallman-Raynor and Andrew D. Cliff	61
8	Humanism and Social Constructionism	71
9	Mapping the Post-structural Geographies of COVID-19 Joshua Evans	79

Health Service Capacities, Responses titles H. Market Mark

10	Non-representational Approaches to COVID-19	85
Par	t II Substantive Issues	
11	How to Have Theory in a Pandemic: A Critical Reflection on the Discourses of COVID-19	93
12	Health Service Capacities, Responses and Practice Martin Powell and Sophie King-Hill	101
13	Informal Care: The Forgotten Frontlines of COVID-19 Andrew Power and Rachel Herron	107
14	Resilience, Risk, and Policymaking	113
15	Managing Internationally Mobile Bodies in a World on Hold: Migration, Tourism, and Biological Citizenship in the Context of COVID-19 Meghann Ormond	119
16	Mobility Is Dead: Post-pandemic Planning as an Opportunity to Prioritize Sustainability and Accessibility	125
17	Media and Information in Times of Crisis: The Case of the COVID-19 Infodemic	133
18	The (Social Distanced) Circle of Family, Friends, and Allies: How COVID-19 Is Re-shaping Social Capital and New Opportunities for Research Amber L. Pearson	139
19	The Syndemic Pandemic: COVID-19 and Social Inequality Clare Bambra and Katherine E. Smith	147
20	Maintaining Wellbeing During and After COVID-19	155
21	Pandemic Geographies of Physical Activity	165
22	Surveillance, Control and Containment (Biopolitics) Stephen Hinchliffe	173

23	Contradictory and Compounding: The Social Implications of COVID-19	179
24	Geographical Metaphors in Everyday Life	185
25	Vaccine Geopolitics During COVID-19: How Pandemics Thicken Borders, Exacerbate Violence, and Deepen Existing Fault Lines Jennifer Hyndman	193
26	Geographies of Digital Storytelling: Care and Harm in a Pandemic	199
27	Animal Geographies in a Pandemic	207
28	Environment and COVID-19: Unpacking the Links	213
Par	t III Places	
29	Home in Context of COVID-19	
30	Death, Devastation, and Failure in Long-Term Care: The Need for a Geographical Reengagement with the Sector David R. Phillips and Gavin J. Andrews	233
31	Refiguring Public Spaces?	241
32	Consumer Spaces	
33	The Place, Labor, and Networks of Transportation During COVID-19 Michael Widener and Julie Cidell	
34	COVID-19: Pandemic on an Urban Planet	259
35	Geographies of the Rural and the COVID-19 Pandemic Andrew S. Maclaren and Lorna J. Philip	267
36	Global Spaces: COVID-19 and the Reconfiguring of Global Health Clare Herrick and David Reubi	275
37	Why Green and Blue Spaces Matter More Than Ever	281

38	COVID-19 in the Developing World: Curse or Blessing? Susan Elliott	291
39	Art-Spaces	299
Par	t IV People	
40	Practicing Self-Determination to Protect Indigenous Health in COVID-19: Lessons for This Pandemic and Similar Futures Chantelle Richmond, Heather Castleden, and Chelsea Gabel	307
41	#thenewnormal and the Pathological: Rethinking Human-Virus Relations During the COVID-19 Pandemic	
42	Older People	319
43	Children and Families	325
44	Race, Ethnicity, and COVID-19: The Persistence of Black–White Disparities in the United States	331
45	Understanding the Importance of a Gendered Analysis of COVID-19	341
46	People with Disabilities Edward Hall	349
47	Participatory Research By/For the Precariously Housed in a Time of COVID-19. Jeff Masuda, Audrey Kobayashi, and The Right to Remain Collective	357
48	Mental-Ill Health and Anxious Pandemic Geographies Louise Boyle, Hester Parr, and Chris Philo	365
49	COVID-19 and Health Professionals: Recommitting to a Global Health Agenda	373
50	Labour Geography, Racial Capitalism, and the Pandemic Portal Ben Rogaly and Hannah Schling	381
51	Geographies of (Domestic) Alcohol Consumption	387

Par	t V Methods and Practice	
52	Public Geographies in a Post-COVID-19 World	395
53	Textures of an Epidemic: On the Necessity of Qualitative Methods in Making Better Pandemic Futures Susan Craddock	401
54	Counting COVID: Quantitative Geographical Approaches to COVID-19	409
55	GIS and Spatial Representations: Challenges and Missteps Joseph Oppong and Chetan Tiwari	417
56	New Forms of Data and New Forms of Opportunities to Monitor and Tackle a Pandemic Mark Green, Frances Darlington Pollock, and Francisco Rowe	423
57	Knowledge Translation and COVID-19	431
58	Examining Geographical Visualizations of COVID-19 Leah Rosenkrantz and Nadine Schuurman	437
	rection to: COVID-19 and Similar Futures: demic Geographies	C1

the state of the s

at Ecology and served as secretarial to the Rockefeller Foundation Economics

The original version of this book was revised. The correction is available at https://doi.org/10.1007/978-3-030-70179-6_59