

Contents

James Patton Rogers

1 Introduction: Why Study Drones? — 1

Part 1: Approaches to the Study of Drone Warfare

James Patton Rogers

2 What Is Drone Warfare? — 9

Daniel Gettinger

3 Defining Drones — 25

Amelie Theussen

4 Drones and International Law — 41

Kathrin Maurer

5 Drone Imaginaries — 57

Caroline Kennedy-Pipe and Afzal Ashraf

6 A Gendering of Drones — 69

Amos C. Fox

7 Critiquing Drone Warfare — 87

Part 2: The First Drone Age

Sarah Kreps

8 What Is ‘The First Drone Age’? — 107

Madeleine Rauch and Shahzad Ansari

9 Drone Pilots: The Struggles of War by Remote Control — 111

Daniel R. Brunstetter

10 The Post-9/11 Era: Drones and Just War Theory — 125

Christopher J. Fuller

11 The CIA Drone Program — 141

Aditi Gupta and Camilla Molyneux

12 Drones and Civilian Harm — 159

Paul Lushenko

13 Drone Warfare and Public Opinion — 177

Talat Farooq

14 Living Under Drones — 197

Michael Richardson

15 The Media and Drone Warfare — 215

Part 3: The Second Drone Age

James Patton Rogers

16 What is ‘The Second Drone Age’? — 237

Emil Archambault and Yannick Veilleux-Lepage

17 The Islamic State Drone Program — 243

Olayinka Ajala

18 The Use of Drones in West Africa and the Sahel — 255

Lukas Fiala

19 China’s Drone Diplomacy — 267

Samuel Bendett

20 Russian Military Drones: Established and Emerging Technologies in Ukraine — 285

Dominika Kunertova

21 Europe’s Military Drone Problem — 299

Kerry Chávez and Ori Swed

22 Violent Nonstate Exploitation of Commercial Drones — 313

Ash Rossiter and Brendon J. Cannon

23 Game-Changing Drones? The Record from Libya to Ukraine — 325

Part 4: **A Third Drone Age? Concerns and Visions for the Future**

Concerns

Anna Jackman

24 Domestic Drones and Domestic Threat: Urban Life in the Drone Age — 343

Ingvild Bode and Anna Nadibaidze

25 Autonomous Drones — 369

Zachary Kallenborn

26 Swarming Drones — 385

André Haider

27 Countering Unmanned Aircraft Systems — 399

Visions

Michael P. Kreuzer

28 The Diffusion of Drone Warfare – A Ten Year Review — 421

Agnès Callamard and Carolyn Horn

29 Drones: A Unique Danger to International Law — 437

J. Wesley Hutto

30 Drone Proliferation and IR Theory: Visions for the Future — 453

Contributors to this Volume — 475

Index — 485

