

Contents

Preface vii

Part I. What Writing Is

1. On Bacon, Hobbes, and Newton, and the
Selfishness of Writing Well 3
2. Genius, Craft, and What This Book Is About 11

Part II. Behavior

3. Reading 17
4. Managing Your Writing Behavior 22
5. Getting Started 30
6. Momentum 42

Part III. Content and Structure

7. Finding and Telling Your Story 57
8. The Canonical Structure of the Scientific Paper 74
 9. Front Matter and Abstract 79
 10. The Introduction Section 84
 11. The Methods Section 89
 12. The Results Section 99
 13. The Discussion Section 120
 14. Back Matter 126
 15. Citations 132
16. Deviations from the IMRaD Canon 138

Part IV. Style

17. Paragraphs 149

18. Sentences 159

19. Words 174

20. Brevity 182

Part V. Revision

21. Self-Revision 193

22. Friendly Review 204

23. Formal Review 211

24. Revision and the “Response to Reviews” 222

Part VI. Some Loose Threads

25. The Diversity of Writing Forms 233

26. Managing Coauthorships 247

27. Writing in English for Non-Native Speakers 260

Part VII. Final Thoughts

28. On Whimsy, Jokes, and Beauty: Can Scientific Writing Be Enjoyed? 273

Acknowledgements 287

References 289

Permanent URLs 299

Index 303