# Contents

List of Figures xi
Preface xiii
Acknowledgments xvii
Flowchart xix

## Part I The Method

1 Think Like a Detective 3
   Information: The Key to Just about Everything 4
   Join the Information Conversation 6
   Start Detecting 9
   Survey the Research Landscape 13
   Take Research One Step at a Time 14
   Conclusion 16
   Steps to Success 16
   Works Cited 16

2 Ask a Compelling Question 18
   It All Begins with a Research Question 19
   Explore Your Own Interests and Personality 20
   Consider the Assignment 22
   Brainstorm Ideas 24
   Draw a Concept Map 26
   Check an Idea Generator 27
   Explore the News 29
   Test and Refine a Topic 31
   Conclusion 32
   Steps to Success 33
Contents

3 Search for Answers 34
   Good News and Bad News 35
   Create a Research Log 36
   Identify Keywords 39
   Truncate Keywords When Necessary 41
   Identify Concept Phrases 42
   Combine Keywords with Boolean Operators 43
   Keep an Open Mind 44
   Conclusion 46
   Steps to Success 46
   Works Cited 47

4 Explore Possible Sources 48
   So Many Sources … So Little Time! 49
   Distinguish among the Three Categories of Sources 50
   Survey the Range of Source Formats 53
   Conclusion 62
   Steps to Success 62

5 Evaluate Sources 64
   Is It Legit—For Real? 65
   Is It Relevant? 66
   Is It Reliable? 67
   Is It Recent? 71
   Critically Evaluate Books 72
   Critically Evaluate Periodicals 74
   Critically Evaluate Webpages 76
   Conclusion 77
   Steps to Success 78

6 Create a Paper Trail 79
   The Case for Documentation 80
   Know Why, What, and How to Cite 81
   Cite As You Go 89
   Compile an Annotated Bibliography 91
   Conclusion 91
   Documentation Formats 91
   Steps to Success 92

7 Mine Your Sources 93
   Getting the Most from Your Sources 94
   Interrogate Your Sources 95
   Take Effective Notes 97
   Follow Leads 101
   Conclusion 104
   Steps to Success 104
Contents

Part II  Types of Sources

8  Reference  109
   Start in the Right Place  110
   Choose the Right Reference Source  111
   Search the Online Catalog  115
   Check the Ready Reference Collection  116
   Search for Online Reference Sources  116
   Find and Study Entries in Reference Sources  117
   Conclusion  120
   Steps to Success  121

9  Books  122
   Books: More Than Mere Life-changers  123
   Search a Library’s Online Catalog  124
   Search WorldCat  130
   Use Item Records  131
   Locate Books on Library Shelves  132
   Use Interlibrary Loan  134
   Look for E-books and Online Books  135
   Mine a Book’s Contents  136
   Conclusion  137
   Steps to Success  137

10 Periodicals  139
    Periodicals: Something for Everyone  140
    The Basics—Not So Basic  142
    Search Databases  145
    Manage the Results List  147
    Check for Relevance  149
    Locate the Complete Article  149
    Try Advanced Searching  152
    Check Google Scholar and Open Access Journals  155
    Browse Periodicals  156
    Conclusion  158
    Steps to Success  158

11 Statistics  159
   The Numbers Game  160
   Find Statistics Online  161
   Check Government Sources  162
   Explore Specialized Sources  163
   Conclusion  164
   Steps to Success  165

12 Government Sources  166
   The World’s Most Prolific Publisher  167
   Types of Government Sources  169
Contents

Beware of Bias 172
Limit a Catalog Search to Government Sources 172
Search FDsys 173
Run Searches in the U.S. Government Portal or on the Internet at Large 174
Search for Bills and Laws 175
Check Microforms 175
Conclusion 176
Steps to Success 176

13 Webpages 177
An Old Friend in a New Light 178
Cyberspace: It's Real—and Manageable 179
Run Keyword Searches in Search Engines 182
Capture Webpages 183
Check Web Directories 184
Follow Links in Librarians’ Subject Guides 185
Be Wary of Wikipedia 185
Conclusion 186
Steps to Success 187

14 Other Sources 188
But Wait, There’s More! 189
Take the Broad View 190
Study Images and Artifacts 191
Listen to or Watch Recordings 192
Interrogate Social Media 193
Interview an Expert 194
Check Newsletters, Brochures, Etc. 198
Conclusion 199
Steps to Success 199

15 Now What? 201
The Value of Information in Your Life 202
Prepare for Future College Courses 203
Prepare for Graduate School 205
Apply Research in the Professional World 208
Use Research to Improve Your Life and Community 210
Conclusion 212
Steps to Success 212

Glossary 213
Index 229