

contents

About the author.....	vii
Acknowledgments	viii

Chapter 1

The art of visual storytelling.....	3
Graphics history.....	4
Visual perception and understanding.....	8
The role of the graphics reporter	13
Spotting graphics potential	14
Types of graphics	16
In the eyes of an expert: Michelle Minkoff, Associated Press	20
Hands on	25
Graphics potential packaging form.....	28

Chapter 2

Visual ethics and standards	29
Visual plagiarism and copyright	29
Working with numbers	35
Onsite reporting	40
Visual accuracy and illustrative diversity	41
In the eyes of an expert: Jeff Goertzen, <i>Orange County Register</i>	42
Hands on	51

Chapter 3

Research and writing graphics	53
Researching graphics.....	53
Sifting through the rubble.....	56
Developing a source list	60
Writing graphics	62
In the eyes of an expert: Bonnie Berkowitz, <i>Washington Post</i>	66
Hands on	69

Chapter 4

Designing infographics	71
Visual metaphors.....	72
Design principles.....	74
Design details	91
In the eyes of an expert: Ron Reason, Design consultant, entrepreneur and educator....	95
Hands on	98

Chapter 5

Visualizing data	101
Finding data	102
Understanding data	104
Transparency in reporting	107
Preparing and organizing data	108
Exploring data	109
Choosing the right visual display	111
Choosing the right tools	120
In the eyes of an expert: Sisi Wei, <i>Pro Publica</i>	122
Hands on	126

Chapter 6

Mapping stories	127
Cartography vs. journalism	128
Kinds of maps	129
Map elements	135
Map construction	139
Map references	140
Map typography	141
GIS and mapping the news	142
In the eyes of an expert: Gustavo Faleiros, InfoAmazonia	145
Hands on	153

Chapter 7

Diagramming stories	155
Developing a visual narrative	156
Types of diagrams	162
In the eyes of an expert: Nigel Holmes, Explanation Graphics	167
Hands on	170

Chapter 8

Interactivity and motion	171
Interaction design	171
Motion graphics	178
Interactive graphics	182
In the eyes of an expert: Terence Oliver, UNC at Chapel Hill	187
Hands on	193

Chapter 9

Infographics case studies	195
Strategic communication: Killer Infographics	196
Healthcare: Swarm Interactive	199
Education: Bottom Line Performance	202
Global issues: Circle of Blue	204

Glossary	209
Index	219