

TABLE OF CONTENTS

Foreword, by Steve Forbes	xiii
Acknowledgments	xv
Introduction	
Lies, Damned Lies, and the Internet	xvii

CHAPTER 1

Web Hoaxes, Counterfeit Sites, and Other Spurious Information on the Internet

<i>Paul S. Piper</i>	1
A Rough Taxonomy	1
Counterfeit Web Sites	2
Suspicious Web Sites	6
News	7
Disinformation	8
September 11, 2001	9
Subject-Specific Misinformation	11
<i>Science and Health Information</i>	11
<i>Business</i>	12
Fictitious Sites	13
Parodies and Spoofs	14
Entertainment	17
News Groups—LISTSERV and UseNet	17
Hacks	18
One Person Gathers What Another Person Spills	18
Where to Go for Help	20
Countermeasures	22

CHAPTER 2

Charlatans, Leeches, and Old Wives: Medical Misinformation

<i>Susan M. Detwiler</i>	23
------------------------------------	----

Please—Don't Help!	25
Who Says and Why?	25
Ouch!	28
For One Thin Dime, One-Tenth of a Dollar	31
Doctor? Who Needs a Doctor?	34
Speaking Out of Both Sides of the Mouth	36
You'll Need a Prescription for That	37
One Last Villager	38
When Does Breaking Health News Become	
Permanent Information?	39
Avoiding the Charlatans	41
Checklist for Ordering Medicines	
Online (Carol Ebbinghouse)	46
References	48

CHAPTER 3

It's a Dangerous World Out There:

Misinformation in the Corporate Universe

<i>Helene Kassler</i>	51
---------------------------------	----

A Long History of Deception	53
---------------------------------------	----

The Wicked Web They Weave	54
-------------------------------------	----

Battling Elusive Rumors: Meet John

Doe; Sue John Doe	55
-----------------------------	----

Sometimes It Is the Technology	57
--	----

Pump and Dump—the Internet Way	58
--	----

And Sometimes It Is the Company	60
---	----

Other Tricks of the Trade	61
-------------------------------------	----

Web Sleight of Hand	63
-------------------------------	----

General Net Confusion	63
---------------------------------	----

No Escape from a Dirty Web of Deception	65
---	----

Will the Real Price Please Stand Up?	65
--	----

The Dangers When Business Becomes

Personal	65
--------------------	----

Rewriting Boundaries Electronically	66
---	----

Keeping Up with Mouse Capers	67
--	----

Prime Pickings for Bonnie and Clyde	70
---	----

Where to Go for Help	71
Countermeasures	73

CHAPTER 4

Internet Users at Risk: The Identity/Privacy Target Zone

<i>Stephen E. Arnold</i>	75
Monitoring Action	77
Data Mining	78
The Lingo of Security	78
More Silence, Please	81
“Virtual” Criminals	82
<i>U.S. Military’s Use of Social</i>	
<i>Security Numbers</i>	83
<i>Old and New Crime Blend</i>	83
<i>People: The Weak Link in Security</i>	84
Ignorance Equates to Vulnerability	85
Mathematics and Privacy Empower	
Data Mining	89
Legislation or Technology?	93
References	95

CHAPTER 5

Brother Have You Got a Dime?

Charity Scams on the Web

<i>Carol Ebbinghouse</i>	97
The Watchdogs	100
Businesses Give, Too	103
Using the Web to Avoid Charity Scams	105
When to Suspect a Scam	108
How to Report a Possible Charity Scam	109
References	111

CHAPTER 6

Welcome to the Dark Side: How E-Commerce, Online Consumer, and E-Mail Fraud Rely on Misdirection and Misinformation

<i>Lysbeth B. Chuck</i>	113
The Nigerian Letter: E-Mail Brings a Deadly Worldwide Scam into Your Home	114
Web-Based Fraud: You Can Even Get It Retail	116
Who's in Charge?	119
Whose Laws Apply?	122
What Can the Feds Do?	123
What Can—or Can't—the States Do?	124
Around the World Wide Web with Credit Card ... and Caution	125
What to Watch Out For	129
Going, Going, Gone for Good	130
The Dirty Dozen	132
Other FTC Activities	137
Countermeasures	139
Checklist for Consumer-Friendly Web Sites	143
Where to Go for Help	146
References	148

CHAPTER 7

Make Sure You Read the Fine Print: Legal Advice on the Internet

<i>Carol Ebbinghouse</i>	149
How to Locate Legal Information on Your Own	154
How to Evaluate Professional Advice Sites on the Internet	157
How to Evaluate Web-Based Directories of Professionals	160
Recommended Reading	162
Lawyers Meet the Net	162

Legal Advice Sites	162
Privacy Concerns	163
Evaluating Legal Web Site Quality	163

CHAPTER 8

How to Evaluate a Web Site

<i>LaJean Humphries</i>	165
Factors to Consider	165
Looks Can Be Deceiving	169
Sources of Web Reviews	170
Sites to Help You with Evaluation	170
The Critical Factor	171
You Decide	173

CHAPTER 9

This Is What I Asked For? The Searching Quagmire

<i>Susan Feldman</i>	175
Deceptive Advertising Practices	175
The Danger of Hidden Assumptions	177
What's Going On Behind the Curtain?	178
Outside Influences: Pernicious and Otherwise	179
Misconceptions That Lead Us Astray	180
Search Engine Assumptions About Searchers	186
What Are We to Do?	190
Recipes and Recommendations for Better	
Searching	191
Is It Bias or Selection?	192
A Quick Guide to How Search Engines	
Rank Pages	194
Games Webmasters Play	195

CHAPTER 10

How a Search Engine Works

<i>Elizabeth D. Liddy</i>	197
Document Processor	198
Query Processor	201

Search and Matching Functions 204
What Document Features Make a Good
 Match to a Query 205
Summary 207

CHAPTER 11

**Getting Mad, Getting Even, Getting Money:
Remedies for Intentional Misinformation**

Carol Ebbinghouse 209

Getting Mad: Where and How to Complain 209
 The First Place to Complain 209
 Alternative Dispute Resolution 210
 Complaining to the Agencies 212
Getting Even: The Revenge Web Site 214
Getting Money: The Court Is Now in Session 215
 Evaluating Your Chances for Success 218
 Where to File Suit 218
 Intentional Misinformation:
 Fraud Actions 221
Countering a Cybersmear of Your Company 222
**Government Agencies and Nongovernmental
Organizations** 225
 General Sites 225
 Government Agencies (Many with Online
 Complaint Forms) 225
 Industry and Self-Regulation Agencies 226
References 228

Endnote: What a Tangled Web We Weave

Barbara Quint and Anne P. Mintz 229

Webliography 235

Contributors 247

Index 253