

# Contents

- 1 Background . . . . . 1**
  - 1.1 A Time of Indecision . . . . . 2
  - 1.2 The First Spaceflight Opinion Poll. . . . . 4
  - 1.3 Principles of Public Opinion Polling . . . . . 6
  - 1.4 The Final Frontier . . . . . 9
  - References . . . . . 12
- 2 The Space Race . . . . . 15**
  - 2.1 Public Indifference . . . . . 16
  - 2.2 A Growing Awareness . . . . . 20
  - 2.3 Exploitation of the Situation . . . . . 24
  - 2.4 The Vietnam War . . . . . 27
  - 2.5 The Unlucky Apollo . . . . . 31
  - 2.6 A Thoughtful Retrospective . . . . . 34
  - 2.7 To Win Is to Lose . . . . . 35
  - References . . . . . 36
- 3 The General Social Survey . . . . . 39**
  - 3.1 The General Social Survey. . . . . 40
  - 3.2 The Other Problems Items . . . . . 44
  - 3.3 Factor Analysis. . . . . 47
  - 3.4 Demographics . . . . . 50
  - 3.5 Class and Occupation. . . . . 52
  - 3.6 Education and Ideology . . . . . 55
  - 3.7 General Social Conclusions . . . . . 59
  - References . . . . . 60
- 4 Goals in Space . . . . . 61**
  - 4.1 Ethnographic Questionnaires . . . . . 61
  - 4.2 The Seattle Voter Study . . . . . 64
  - 4.3 The Harvard University Study . . . . . 68

4.4	Other Worlds . . . . .	72
4.5	The Major Triad . . . . .	74
4.6	Additional Factors . . . . .	77
4.7	Influences on Support for Space Funding . . . . .	79
4.8	A View from the Zenith . . . . .	82
	References . . . . .	82
<b>5</b>	<b>Events . . . . .</b>	<b>85</b>
5.1	The Recent Past . . . . .	86
5.2	The Two Reagan Policies . . . . .	88
5.3	The Return to the Moon . . . . .	94
5.4	Mars Missions . . . . .	98
5.5	Going to Mars Oneself . . . . .	100
5.6	Adolescent Attitudes . . . . .	104
5.7	Slow and Steady . . . . .	109
	References . . . . .	110
<b>6</b>	<b>Sciences . . . . .</b>	<b>113</b>
6.1	Attitudes of Scientists . . . . .	113
6.2	The Nature of Science . . . . .	117
6.3	The 2006–2010 GSS Science Module . . . . .	121
6.4	The Influence of Religion . . . . .	124
6.5	Pseudoscience . . . . .	127
6.6	The GSS News Interest Module . . . . .	130
6.7	Science and Superstition . . . . .	132
	References . . . . .	132
<b>7</b>	<b>Literature . . . . .</b>	<b>135</b>
7.1	Early Flights of Fantasy . . . . .	136
7.2	The Science Fiction Subculture . . . . .	138
7.3	Three Dimensions of Science Fiction . . . . .	140
7.4	Dimensions of Space Program Support . . . . .	143
7.5	The Analytical Laboratory . . . . .	147
7.6	Twenty Award-Winning Novels . . . . .	151
7.7	A Variable Time Machine . . . . .	155
	References . . . . .	156
<b>8</b>	<b>Media . . . . .</b>	<b>159</b>
8.1	Spaceflight in Movies and Television . . . . .	159
8.2	Sets of Related Films . . . . .	163
8.3	Non-series Less-Popular Films . . . . .	167
8.4	Five Dimensions of Spaceflight Movies . . . . .	172
8.5	A Content Analysis . . . . .	175
8.6	Media and Meaning . . . . .	179
	References . . . . .	180

<b>9</b>	<b>Simulation</b> . . . . .	183
9.1	Educational Simulations. . . . .	184
9.2	Fantasy Planets. . . . .	186
9.3	The Transition Between Fantasy and Science Fiction . . . . .	190
9.4	Science Fiction Universes . . . . .	195
9.4.1	The Harsh Truth . . . . .	202
	References. . . . .	203
<b>10</b>	<b>Frontiers.</b> . . . .	205
10.1	Closing of the Frontier . . . . .	206
10.2	A Clash of Cultures . . . . .	209
10.3	Cultural Stability . . . . .	213
10.4	Freefall Is not Decline . . . . .	218
	References. . . . .	219
	<b>Index.</b> . . . .	221



<http://www.springer.com/978-3-319-07877-9>

The Meaning and Value of Spaceflight

Public Perceptions

Bainbridge, W.S.

2015, XI, 225 p. 1 illus., Hardcover

ISBN: 978-3-319-07877-9