

Contents

1	Looking Back to Shape the Future	1
	History of Food Production	1
	Emergence of Retail Food Establishments	3
	Foodborne Disease	4
	Retail Food Safety	6
	Reducing Risk Early in the Food Production Chain	6
	Changing Behavior	8
	Key Points	9
2	Why the Focus on Culture?	11
	What Is Culture?	11
	Why Is Culture Important?	12
	Who Creates Culture?	13
	How Is Culture Created?	14
	The Foundation	15
	Core Elements	15
	Leadership at the Top	16
	Confidence in the Part of All Employees	16
	Clear Management Visibility and Leadership	16
	Accountability at All Levels	17
	Sharing of Knowledge and Information	17
	Best Practices	17
	Key Points	18
3	A Systems-Based Approach to Food Safety	21
	What Is a System?	22
	Systems Thinking	22
	Behavior Change Theories and Models	23
	Behavioral Theory	23
	Social Cognitive Theory	23
	Health Belief Model	24
	Theory of Reasoned Action	24

- Transtheoretical Model 24
- Social Marketing 25
- Environmental or Physical Factors 25
- A Behavior-Based Systems Continuous Improvement Model 27
- Key Points 28

- 4 Creating Food Safety Performance Expectations. 29**
 - Getting Employees to Do What They Are Supposed to Do. 29
 - Expect More than Efficiency. 30
 - Expect a Proper Food Safety Attitude 31
 - Be Specific – Not Generic 31
 - Start with the Food Code 32
 - Develop Risk-Based Expectations 32
 - Beyond Regulatory Compliance 34
 - Write Them All Down 35
 - Key Points 36

- 5 Educating and Training to Influence Behavior 39**
 - Education Versus Training 40
 - Why Educate and Train?. 41
 - Focus on Changing Behavior 42
 - Make It Risk-Based 44
 - Value and Respect Diversity 44
 - Keep It Simple and User Friendly 45
 - Key Points 46

- 6 Communicating Food Safety Effectively 49**
 - The Importance of Communication 49
 - Use a Variety of Mediums 50
 - Posters, Symbols, and Slogans 51
 - Use More than Words. 51
 - Have Conversations 52
 - Ask Questions 54
 - Key Points 55

- 7 Developing Food Safety Goals and Measurements 57**
 - The Importance of Food Safety Goal Setting. 57
 - Establishing Effective Food Safety Goals. 58
 - Why Measure Food Safety? 59
 - What Should You Measure? 61
 - Lagging Versus Leading Indicators of Food Safety 62
 - Key Points 65

- 8 Using Consequences to Increase or Decrease Behaviors** 67
 - Determine the Cause of Performance Problems 68
 - Creating Consequences for Food Safety. 69
 - Positive Consequences. 70
 - Negative Consequences. 73
 - Key Points 74

- 9 Tying It All Together – Behavior-Based Food Safety Management . .** 77
 - Management or Leadership?. 77
 - Traditional Food Safety Management Versus Behavior-Based
Food Safety Management. 78

- 10 Unwrapping – Thoughts on the Future of Food Safety** 83
 - The Way Forward? 83
 - Making Significant Leaps 84
 - The Future 85

- References** 87

- Index** 91