

List of Figures .....	vii
List of Tables .....	viii
Preface .....	ix
Introduction .....	1
<b>PART ONE: European Philanthropy, Pietist Medicine, and the Pharmaceutical Trade</b>	
1   The Francke Orphanage Foundations at Halle:	
The Fruit of Religious Reform .....	15
<i>Protestant Evangelical Reform and the New Philanthropy</i> .....	22
<i>The Protestant Network</i> .....	25
<i>The Pietist Benefactresses—A Multitude of Women</i> .....	31
<i>The Medical Institutions of the Orphanage</i> .....	41
2   Pietist Medicine and Medical Education:	
A Radical Heritage Tempered .....	49
<i>The Pietist Physician</i> .....	52
<i>Academic Medicine and Medical Education at Halle</i> .....	55
<i>Lay Medical Education and the Printed Word</i> .....	60
<i>The Outcomes of Reform</i> .....	64
3   The Traffic in Halle Orphanage Medications .....	
<i>The Product and the Discourse of Pharmaceutical Reform</i> .....	79
<i>The Market: Privileged Trade and Trading Privileges</i> .....	87
<b>PART TWO: German Medicine in North America, 1730–1810</b>	
4   German Patients and German Practitioners in a New World .....	
<i>Medical Needs and Medical Markets</i> .....	99
<i>Market Determinants: Language and Religious Affiliation</i> .....	102
<i>A Profile of German Medical Providers</i> .....	107
<i>The Lure of the Halle Pharmaceutical Trade</i> .....	112
<i>The Structure of the Colonial Medical Clergy</i> .....	116
<i>The Structure of the Colonial Medical Clergy</i> .....	122

5	The Traffic in Halle Orphanage Medications: Building a Transatlantic Exchange .....	129
	<i>Creating a Market Niche, 1745–1776</i> .....	132
	<i>The Mechanisms of Trade in Philanthropy</i> .....	136
	<i>Trading in the New Republic, 1785–1815</i> .....	147
6	The North American Consumer: German Lay Preferences and Choices .....	157
	<i>The German Lay Public</i> .....	159
	<i>Pietist Women in the North American Medical Market</i> .....	166
	<i>Potent Medicines for Women</i> .....	171
7	The Learned Practitioner and the Learned Public .....	183
	<i>A Gentler Medicine and Some of Its North American Practitioners</i> .....	184
	<i>An American-Born Practitioner of Pietist Medicine</i> .....	189
	<i>A Rural Practice in the New Republic: Some Measures</i> .....	199
	<i>The Persistence of a Learned Culture: Books and Medicines</i> .....	202
8	Epilogue: Pietist Medicine and Pietist Charity in the New Republic .....	209
	<i>The Practice of Medicine and the Commerce in Pharmaceuticals</i> .....	213
	<i>The New Medical Establishment and the Model of Halle Charity Practice</i> ..	216
	<i>A Legacy of Voluntarism</i> .....	220
	Composite Bibliography .....	223
	Index .....	251

1.1 Map of Halle and surrounding jurisdictions .....	16
1.2 The Francke Orphanage in Halle .....	19
1.3 The founder, August Hermann Francke .....	20
1.4 The founder's son, Gotthilf August Francke .....	21
1.5 Friedrich Michael Ziegenhagen .....	29
2.1 Title page of Richter's <i>Die Höchst-nöthige Erkenntnis</i> .....	62
3.1 Christian Friedrich Richter .....	69
3.2 David Samuel von Madai .....	70
3.3 <i>Essentia dulcis botte</i> .....	79
3.4 Net profits from the Orphanage pharmaceutical business, 1728–1798 .....	91
4.1 Medical catchment area in the thirteen colonies, 1775 .....	108
4.2 Heinrich Melchior Mühlenberg .....	118
5.1 Justus Heinrich Christian Helmuth .....	144
5.2 Johann Christoph Kunze .....	146
7.1 Gotthilf Heinrich Ernst Mühlenberg .....	190

3.1 Halle Orphanage medications (A list) .....	72–74
3.2 Halle Orphanage medications (B list) .....	75–76
3.3 Prices of Halle Orphanage medications, 1712–84 (A list) .....	77
3.4 Halle Orphanage medications (B list) and selected prices .....	78
4.1 Central European medical practitioners in the middle colonies, 1700–1810 .....	114–15
4.2 Lutheran and Reformed clergy practicing medicine in the middle colonies, 1700–1825 .....	124–25
4.3 Pietist and Lutheran clergy who distributed or ordered Halle medicines in the middle colonies, 1742–1820 .....	126
6.1 Halle Orphanage medications as advertised (A list) and additional medications (B list) .....	161
6.2 Pharmaceutical and commercial weights used, and gram equivalents .....	161
6.3 Three orders for Halle Orphanage medications by Anna Maria Mühlenberg (A list) .....	172
6.4 Three orders for Halle Orphanage medications by Anna Maria Mühlenberg (B list) .....	173
6.5 Halle Orphanage medications classified by their use in reproductive medicine .....	179
7.1 Selected orders for Halle Orphanage medications (A list), by Gotthilf Heinrich Ernst Mühlenberg, 1791–1801 .....	196
7.2 Selected orders for Halle Orphanage medications (B list), by Gotthilf Heinrich Ernst Mühlenberg, 1791–1801 .....	197
7.3 Advertisement in <i>Neue Unpartheyische Lancaster Zeitung und Anzeigsnachrichten</i> , 16 January 1788, for ten medications .....	202