

Table of Contents

	Preface	<i>vii</i>	
Chapter 1	Introduction	<i>1</i>	
	Assumptions	<i>1</i>	
	Traditional Concepts	<i>4</i>	
	Toward a Model of How: Gene-Environment Relations	<i>13</i>	
Chapter 2	Gene Environment Co-Action	<i>21</i>	
	Gene Action—General Principles		<i>23</i>
	Gene Expression	<i>24</i>	
	Gene-Environment Relationships		<i>24</i>
	Development in the Nervous System		<i>27</i>
	Maturation, Experience, and Development	<i>33</i>	
	Environmental Effects on Development	<i>35</i>	
	Genes and Development		<i>39</i>
Chapter 3	Evolution, Development, and Behavior		<i>43</i>
	Natural Selection	<i>44</i>	
	Variation	<i>49</i>	
	Evolution and Environment		<i>52</i>
	Evolution and Development		<i>52</i>
Chapter 4	Characteristics of Growth	<i>61</i>	
	An “Active” Process	<i>62</i>	
	Growth is Heterogeneous		<i>72</i>
	Developmental Stages	<i>76</i>	
	Correlates of the Growth Process		<i>81</i>
	Individual Differences	<i>83</i>	

Chapter 5	Infancy	85	
	The Parent-Offspring Match		85
	Discrimination Among Individuals		99
Chapter 6	Exploration, Play, and Peer Relations		111
	Exploration		111
	Play	119	
	Peer Relations		124
Chapter 7	Cognition	131	
	Component Modules and Developmental Stages		131
	Ontogeny of Knowledge		140
	Developmental Resiliency and Cognitive Growth		150
Chapter 8	Language	156	
	Language Development		156
	Language and Thought		171
Chapter 9	Personality	179	
	Structure	179	
	Dynamics	192	
Chapter 10	Summary and Implications		201
	Gene-Environment Co-Action		201
	Conceptual Implications		206
	Implications for Research		211
	References	217	
	Author Index	263	
	Subject Index	278	