# **Contents**

List of Contributors

Acknowledgments

Preface

1. Relationships between Life-Span Developmental Theory, Resea and Intervention: A Revision of Some Stereotypes	rch,
Jochen Brandtstädter	
I. Introduction	3
II. The Contribution of Developmental Psychological Research	
and Theory to Decisions about Developmental Goals	4
III. Interfaces between Theory and Technology	12
IV. Intervention Practice as a Touchstone of Developmental	
Psychological Theory?	16
References	25
2. Models, Methods, and Ethics of Intervention	
Hayne W. Reese and Willis F. Overton	
I. Boundaries: Relation to "Pure" Science	30
II. The Nature of Intervention	34
III. Concluding Comments	44
References	45
	V

THEORETICAL AND POLITICAL ISSUES

хi

χv

xvii

vi Contents

3.	Intervention in	Life-Span	Development	and	Aging:
	<b>Issues and Con</b>	cepts	_		

Paul B.	Raltes	and	Steven	I	Dan	isl	h

Paul B. Baltes and Steven J. Danish	
<ul> <li>I. Introduction</li> <li>II. Intervention and Conceptions of Development</li> <li>III. Basics of Intervention Action</li> <li>IV. Human Gerontology and Intervention</li> <li>V. Promise and Reality: Some Caveats</li> <li>Summary</li> <li>References</li> </ul>	49 50 58 62 69 73 74
4. Life-Span Intervention as a Symptom of Conversion Hysteria	
Michael J. Chandler	
I. Introduction	79
II. Identifying Potential Targets for Intervention	81
III. Ethical Considerations in the Formulation and	0.7
Acceptance of Intervention Goals  IV. Developmental Theory as a Vehicle for	83
Generating Intervention Strategies	85
V. Conclusion	89
References	91
5. The Politics of Public Intervention	
George Pickett	
I. The Difficulties of Public Intervention	94
II. Life-Span Intervention: When Is It Acceptable?	95
III. The Politics of Public Intervention: Some Guidelines	99
IV. Conclusion	100

## ENVIRONMENTAL AND BIOPHYSICAL INTERVENTION

#### 6. The Impact of the Planned Environment on the Elderly

#### Kermit K. Schooler and Daniel I. Rubenstein

	References	123
II.	The Effects of the Planned Environment on Individuals	113
I.	Analyzing Planned Impact at the Societal Level	104

**Contents** vii

7.	Multiple	Impacts	and	<b>Determinants</b>	in
	Human	Service I	)elive	ery Systems	

-	-		_	-
Stani	ev	Η.	Co.	hen

I.	Mobility and Human Service Delivery	126
II.	Mobility and the Aged	127
ш.	Travel Behavior and Transportation Needs of	
	the Elderly	130
IV.	Review of Transportation Programs Designed for	
	the Elderly	130
V.	Goals and Design of the Transportation Remuneration	
	Incentive Program	133
VI.	Evaluation of the Transportation Remuneration	
	Incentive Program	135
VII.	Results of the Transportation Remuneration	
	Incentive Program	137
	References	147

# 8. Effects of Nutritional Supplementation and Early Education on Physical and Cognitive Development

M. G. Herrera, J. O. Mora, N. Christiansen, N. Ortiz, J. Clement, L. Vuori, D. Waber, B. De Paredes, and M. Wagner

I.	Introduction	149
II.	Design of the Bogota Project	154
III.	Summary of Current Results of the Bogota Project	162
IV.	Summary and Discussion	173
	References	179

#### 9. Is Genetic Counseling Intervention?

### Stephen S. Amato

I.	What Is Genetic Counseling?	185
II.	The Setting for Genetic Counseling	186
III.	Who Does Genetic Counseling?	187
IV.	How Do Patients Get to a Genetic Counseling Unit?	189
V.	Problems in the Application of Genetic Counseling	189
VI.	How Does One Assess the Effect of Genetic Counseling?	190
VII.	Recent Genetic Adventures and Misadventures	192

viii		Contents
	VIII. West Virginia's Genetic Program: Birth Defects	193
	IX. Prenatal Diagnosis	195
	X. Conclusion	196
	References	196
10.	Intervention in the Psychophysiology of Aging: Pitfalls, Progress, and Potential	
	Diana S. Woodruff	
	I. Introduction	197
	II. Pitfalls of Intervention Research III. Progress of Intervention Research	198 207
	IV. Prospects for the Future: Event Related Potentials	207
	References	219
	EDUCATIONAL AND DEVELOPMENTAL INTERVENT	ION
11.	Intervention and Its Effects on Early Development: What Model of Development Is Appropriate?	
	Frances Degen Horowitz	
	I. A Brief Historical Overview	235
	II. Educational Intervention in the 1960s and 1970s	233
	III. Some Suggestions for Future Inquiries	244
	References	247
12.	The Preschool Child or the Family?:	
	Changing Models of Developmental Intervention	
	Ralph R. Turner, David B. Connell, and Arthur Mathis	
	I. Head Start: A Retrospective View	250
	II. Alternate Models of Intervention	255
	III. Dimensions of Intervention Strategies	257
	IV. Impact of Models on Intervention Policy Decisions	260
	V. The Child and Family Resource Program:	
	Model and Objectives	264
	VI. Evaluation of the Demonstration	268 271
	VII. Concluding Comments References	271
	* # A * A * A * A * A * A * A * A * A *	

Contents	i
/#************************************	-

Contents		ix
13.	Intervention for Delinquency: Art or Science?	
	William J. Fremouw and Andrew L. Reitz	
	I. Introduction	275
	II. Classification of Juvenile Delinquents	277
	III. Treatment for Delinquency	281
	IV. Conclusion	299
	References	300
14.	Training and Education of the Elderly  Harvey L. Sterns and Raymond E. Sanders	
	I. Introduction	307
	II. Philosophical Presuppositions	308
	III. Cognitive Training of the Older Adult	311
	IV. Age-Comparison Research	319
	V. Implications for Education	325
	References	328

*331* 

343

Author Index

Subject Index