

Contents

Preface vii

The Environment and Behavior	1
The Architectural Environment	1
Group Size and the Regulation of Social Experience	5
Density and the Quality of Life	7
Crowding: A Syndrome of Stress and Coping Behavior	12
Research Strategy	13
 2 Physical Environments and Social Environments:	
An Architectural Manipulation	19
The Dormitory Designs	20
The Social Use of Space	23
Crowding and Numbers of People	30
Comparability of Resident Populations	40
An Experimental Test of Comparability	42
Summary	43
 3 Persistent Effects of the Environment: Stress and Social Interaction in the Laboratory	47
Social Stress and the Probability of Interaction	48
Waiting in the Laboratory	49
Waiting in a Dental Office	56

vi CONTENTS

	The Effects of a Cooperative and Competitive Orientations	59
	The Effects of Being Ignored	65
	Summary	67
4	Group Development and Crowding Stress	69
	Group Development	70
	Group Mediation of Crowding Stress	72
	Group Consensus	73
	Cooperation, Competition, and Task Performance	76
5	Architecture and Social Experience: A Conceptual Replication	79
	The Dormitory Designs at Trinity College	80
	Social Experience in the Dormitories	83
	Waiting in the Laboratory	86
	Helplessness and the Probability of Interaction	91
6	Summary and Implications	99
	Density and Crowding	102
	Toward an Architectural Awareness	103
	References	107
	Subject Index	111