## **Learning Together Online**

## Research on Asynchronous Learning Networks

Edited by

Starr Roxanne Hiltz and Ricki Goldman

## **Contents**

Preface About the Authors  PART I: FOUNDATIONS OF RESEARCH ON LEARNING NETWORKS		vii xvii 1			
			1	What Are Asynchronous Learning Networks?  Starr Roxanne Hiltz and Ricki Goldman	3
			2	The Online Interaction Learning Model: An Integrated Theoretical Framework for Learning Networks Raquel Benbunan-Fich, Starr Roxanne Hiltz, and Linda Harasim	19
3	Effectiveness for Students: Comparisons of "In-Seat" and ALN Courses  Jerry Fjermestad, Starr Roxanne Hiltz, and Yi Zhang	39			
4	Improving Quantitative Research on ALN Effectiveness  J. B. Arbaugh and Starr Roxanne Hiltz	81			
5	Qualitative and Quisitive Research Methods for Describing Online Learning Ricki Goldman, Martha Crosby, Karen Swan, and Peter Shea	103			

PART II: LEARNING NETWORKS: WHAT WE KNOW AND WHAT WE NEED TO KNOW		121
6	Contextual Factors That Influence ALN Effectiveness  J. B. Arbaugh and Raquel Benbunan-Fich	123
7	The Student in the Online Classroom Starr Roxanne Hiltz and Peter Shea	145
8	Faculty Roles and Satisfaction in Asynchronous Learning Networks Charles Dziuban, Peter Shea, and J. B. Arbaugh	169
9	Technology-Mediated Collaborative Learning: A Research Prospective Maryam Alavi and Donna Dufner	191
10	Media Mixes and Learning Networks Ronald E. Rice, Starr Roxanne Hiltz, and David H. Spencer	215
11	The Development of Virtual Learning Communities Karen Swan and Peter Shea	239
12	Asynchronous Learning Networks: Looking Back and Looking Forward Ricki Goldman and Starr Roxanne Hiltz	261
Autl	nor Index	281
Subject Index		293