## Contents

Acknowledgments		X
Introduction		xi
1	From Personal Assistance to Bibliographic Instruction: The Roots of Information Skills Instruction in Academic and Public Libraries	1
	Approaches to Service: Origins and Development A Taxonomy of Service Research versus Information Seeking Library Instruction as an Aspect of Service in Academic Libraries	1 2 4 5
	Knapp's Experiment Bibliographic Instruction: The Earlham College Experience "Personal Assistance" in Public Libraries and the Library of	9 10
	Congress Conclusion	12 14
2	The Development of School Libraries: From Concept to Reality	15
	Opening the Door Progress toward Centralization of School Collections Development of Library Skills Instruction The End of an Era Demonstrating Value: An Enduring Dilemma	16 19 20 23 25
3	From Library Skills to Information Skills Instruction: Kuhlthau's Information Search Process (ISP)	27
	The Source Approach The Pathfinder Approach Process Models Approach Kuhlthau's Studies of the Information Search Process	27 28 28 30

	Kuhlthau's Levels of Intervention Research Based on Kuhlthau's ISP Model	34
4		40
	Process Models for Information Skills Instruction	44
	Irvings's Study and Information Skills across the Curriculum Information Problem Solving: Eisenberg and Berkowitz's Big6	45
	Skills Stripling and Pitts's REACTS Model for Term Paper	48
	Preparation Pappas and Tepe's Pathways to Knowledge	50
	Joyce and Tallman's I-Search Model	53 54
	Flip It! The Handy 5, McKenzie's Research Cycle, and the Atlantic Model: Grassroots Models for Teaching the Research	77
	Process	56
	Conclusion	60
5	Diagnosing Informational and Instructional Needs:	
	Strategies, Theories, and Issues	62
	Diagnosing Instructional Needs of Diverse Learners: Grover's	
	Model	62
	Individual Differences: Approaches and Strategies Making Sense of Individual Differences: Implications for Student	64
	Research and Information Skills Instruction	81
	Creating Supportive Library Environments	97
	Media Literacy: An Essential Information Literacy Skill Agenda Conclusion	99 100
6	Current Trends in Research on Information Skills	
	Instruction	103
	Constructivism	104
	Effective "Research" Assignments	111
	"Effective" Assignments from the Student's Point of View	116
	Authentic Research Shills and Compatonsies for Indoorder Bound in the Little	117
	Skills and Competencies for Independent Research in the Library Media Center	110
	Conclusion	119 129
7	From Reference Skills to Technological Literacy: The Impact of Electronic and Internet Resources on Information	127
	Skills Instruction	132
	How Students Think About and Use the Internet	133
	How Technology Changes the Context of Learning	138
	Technology and Learning: Promise and Possibilities	140
	Challenges for Students and Library Media Specialists in Using	
	Electronic Resources	141
	Implications for Instruction and Intervention	149
	The Library Media Specialist: Instructional and Service Roles Teacher-Library Media Specialist Partnerships for Collaboration	153
	and Staff Development	155

8	Assessment and Information Skills Instruction	158
	Educational Assessment: The Standardized Testing Imperative	159
	Outcomes-Based Education	160
	New Models for Student Assessment	160
	Authentic Assessment	161
	Alternative/Authentic Assessment Models: Difficulties and	
	Disadvantages	163
	Determining the Value of the School Library	164
	Traditional Approaches to School Library Evaluation	164
	Standardized Testing and Higher-Order Thinking	171
	Outcomes-Based Education: Implications for Library Media	
	Programs	171
	Relationship of Alternative Assessment Models and the Process	
	Approach Curriculum	172
	The Library Media Specialist and Alternative Assessment	172
	Conclusion	173
9	9 Information Seeking as a Social Encounter	
	The Cognitive Approach to Information Seeking and Learning Social Aspects of Information-Seeking and Information Skills	175
	Instruction	176
	Interpersonal Interactions in the School Library Context	178
	Library Encounters as Communicative Action	178
	Self-Esteem Needs and the Library Media Center	181
	How We Describe Library Users Matters	181
Epilogue		183
References		187
Author Index		211
Subject Index		217