# Table of Contents

## Preface

Section Title ................................................................................................................................................ix

## Acknowledgment

Section Title ................................................................................................................................................xxi

## Chapter 1

Introduction: Motivations and a Brief Historical Review of “Information Technology” Leading Up to the Information Age .......................................................................................................................1
Why? ................................................................................................................................................1
A Brief Historical Review of ‘Information Technology’ Since Western Printing ............................12

## Chapter 2

Developing an Approach and Methodology for the Continued Progress of Library Studies and Information Management .....................................................................................................................25
Introduction ........................................................................................................................................25
Developing an Approach ................................................................................................................29
Developing a Methodology ...........................................................................................................32
Conclusion .....................................................................................................................................44

## Chapter 3

Collection Spaces and Management, Virtual and Physical, in the User Environment ..................46
Introduction ........................................................................................................................................47
Collection Management ................................................................................................................49
Physical Collections Evolving into the Virtual .............................................................................51
The Virtual Collection of the (not so Distant) Past .........................................................................57
The Virtual Collection of the Present ...........................................................................................63
The Virtual Collection of the (very Near) Future ..........................................................................71
Conclusion .....................................................................................................................................76

## Chapter 4

Survey of Information Technologies in the User Environment .........................................................84
Introduction ........................................................................................................................................84
Understanding the Library as an Evolving User Environment ....................................................90
Information Technologies that Can be Used for Collaboration in the Library User Environment .................................................................................................................................95
Pitfalls in the Virtual Environment and Implementations of Information Technologies ...........107
Conclusion ......................................................................................................................................113
Chapter 5
Universal Index for Information Collections, Physical and Virtual: Information Experts Merging IT and Collection Management for Real Solutions in the User Environment

Introduction ................................................................................................................................. 120
Stage-II Primary .......................................................................................................................... 122
Stage-III Primary ......................................................................................................................... 129
The Information Artifact .............................................................................................................. 132
The KATIE Core Classification Sub-Index ................................................................................. 133
The KATIE Standard Classification Sub-Index ......................................................................... 139
The KATIE Auxiliary of Alternate Collections Sub-Index ....................................................... 143
Conclusion ................................................................................................................................... 144

Chapter 6
Space Managing System for the Physical Collection: Information Experts Merging IT and Collection Management for Real Solutions in the User Environment

Introduction ................................................................................................................................. 148
Stage-II Primary .......................................................................................................................... 150
Stage-III Primary ......................................................................................................................... 153
Space Maintenance Section of the MEL Space Management System ...................................... 155
Area One of Space Maintenance ............................................................................................... 156
Area Two of Space Maintenance ............................................................................................... 157
Area Three of Space Maintenance ............................................................................................ 158
Area Four of Space Maintenance ............................................................................................... 164
Collections Shifting Section of the MEL Space Management System ..................................... 164
Step One of Collections Shifting ............................................................................................... 166
Step Two of Collections Shifting ............................................................................................... 167
Step Three of Collections Shifting ............................................................................................ 173
Step Four of Collections Shifting ............................................................................................... 177
Conclusion ................................................................................................................................... 178

Chapter 7
Database System for the Virtual Collection: Information Experts Merging IT and Collection Management for Real Solutions in the User Environment

Introduction ................................................................................................................................. 180
Stage-II Primary .......................................................................................................................... 182
Stage-III Primary ......................................................................................................................... 190
Conclusion ................................................................................................................................... 196

Chapter 8
Information Expertise and the Vision of Future Library Institutions and User Environments

Introduction ................................................................................................................................. 200
The Library of the Near Future ................................................................................................. 207
Concluding Thoughts to the Book ......................................................................................... 209
Section 2
Primary Documents

Institution Case Study: Charleston County Public Library, Main Branch

Completed by: J. Walker, Date Completed: April 01, 2011

Library Showcase: San Luis Obispo County Library, Cayucos Branch - Interview with Melody Mullis

Completed by: Lisa Block, Date Completed: March 19, 2011

Institution Case Study: Google Books

Completed by: J. Walker, Date Completed: December 1, 2012

Library Showcase: Darien (Conn.) Library - Interview with Alan Gray

Completed by: Lisa Block, Date Completed: March 1, 2011

Institution Case Study: ITT Technical Institute, Atlanta Campus

Completed by: Lisa Block, Date Completed: December 3, 2010

Library Showcase: DeKalb County (GA) Public Library, Toco Hill Branch - Interview with Darro Wiley

Completed by: Lisa Block, Date Completed: March 11, 2011

Institution Case Study: Project Gutenberg

Completed by: J. Walker, Date Completed: March 21, 2011

Library Showcase: Enoch Pratt Free Library, Roland Park Branch - Interview with Alexander Design Studio

Completed by: Lisa Block
Edited by: J. Walker, Date completed: March 20, 2011

Institution Case Study: Robert W. Woodruff Library, Emory University

Completed by: Lisa Block and J. Walker, Date Completed: March 25, 2011

Library Showcase: Houston Public Library, Morris Frank Branch - Interview with Wendy Heger

Completed by: Lisa Block, Date Completed: March 2, 2011

Institution Case Study: ThinkQuest Library

Completed by J. Walker, Date Completed: March 2, 2011

Library Showcase: Dauphin County Library System, Hummelstown Community Library - Interview with Wendy Mosteiko/Alexander Design Studio

Completed by: Lisa Block, Date Completed: April 5, 2011
Institution Case Study: YouTube ................................................................. 257
  Completed by: J. Walker, Date Completed: April 27, 2011

Library Showcase: Lupton Library, Univ. of Tenn. at Chattanooga - Interview with
Jason Griffey ........................................................................................................ 263
  Completed by: Lisa Block, Date Completed: March 1, 2011

Library Showcase: Manhattan Christian College, Kansas - Interview with Mary Ann Buhler........ 265
  Completed by: Lisa Block, Date Completed: March 21, 2011

Library Showcase: The Mathewson-IGT Knowledge Center at the University of Nevada, Reno -
Interview with Carol Parkhurst ............................................................................. 267
  Completed by: Lisa Block, Date Completed: March 2, 2011

Library Showcase: New Castle Public Library - Interview with Katie Newell.................. 272
  Completed by: Lisa Block, Date Completed: March 29, 2011

Library Showcase: Norlin Library, University of Colorado - Interview with John Culshaw .......... 274
  Completed by: Lisa Block, Date Completed: February 10, 2011

Library Showcase: Ramsey County Roseville Library - Interview with Staff ......................... 277
  Completed by: Lisa Block, Date Completed: March 2011

Library Showcase: Sacramento Public Library, Belle Cooledge Library - Interview with Lois
Casement Ross ..................................................................................................... 279
  Completed by: Lisa Block
  Edited by: J. Walker, Date Completed: March 23, 2011

Library Showcase: Sterling C. Evans Library, Texas A&M University - Interview of Staff .......... 282
  Completed by: Lisa Block, Date Completed: March 2011

Library Showcase: Virginia School for the Deaf and Blind - Interview with Margaret Robison...... 285
  Completed by: Lisa Block
  Edited by: J. Walker, Date Completed: April 2011

Compilation of References ..................................................................................... 291

About the Author .................................................................................................... 297

Index ....................................................................................................................... 298