CONTENTS

EDITOR'S NOTES

Ray Herr Gillespie

This sourcebook treats issues of technology's impact on faculty development, life, and work within the context of our changing epistemologies and a conception of faculty development as adult learning.

1. Technology's Impact on Faculty Life and Work 7

Roger G. Baldwin

This chapter considers the changes underway in the work life of higher education faculty members, including a focus on implications for faculty careers, personnel policies, and faculty development services.

2. Brave New World? The Challenge of Technology to Time-Honored Pedagogies and Traditional Structures 23

Anita Garodka

The new technologies lead us to question our academic structures and processes, but effective implementation of the technologies and positive changes in our traditions will occur only if we incorporate basic research about teaching and learning into discussions and planning.

3. Instructional Design for the New Technologies 39

Frank Gillespie

Systematic instructional design has long been in place, but the possibilities of today's technologies and tools, particularly on-line instruction, invite reconsideration of the appropriateness of this model and suggestions for a new approach to instructional design.


Tony DiPietro

The age-old concept of community is considered and redefined in relationship to the new phenomenon of virtual community, which offers an expansion of our professional relationships and activities.

5. Overcoming Obstacles Through Use: A Case Study 67

Karen T. Carey, Shelly M. Dunn

This in-depth description of the Joint Doctoral Program in Educational Leadership provides a case study of effective ways to enhance technological literacy through technology-assisted small groups.
6. Using Technology in Faculty Development: Practical Examples
Kay Herr Gillespie with Contributors
Selected examples of faculty development activities demonstrate technology's potential for inducing change and also illustrate the ideas and themes of this sourcebook.

FROM THE SERIES EDITORS

About This Publication. Since 1980, NDLTD has brought a unique blend of technology in postsecondary education. NDLTD has provided the substance but also for timeliness, context, and direction in teaching and learning. The series has four goals: to provide an overview of teaching and learning in the context that shapes these new directions, to demonstrate how teaching and learning can be incorporated into teaching and learning. This publication reflects our view of technology in higher education. We believe that technology in higher education is a new and important topic for higher education. In this volume technology in higher education to a new level. The insights bring a fresh and important perspective on higher education.