Contents

Notes on Contributors ix

Introduction: Issues Affecting Teaching and Learning in Today’s Schools 1
Gene E. Hall, Linda F. Quinn, and Donna M. Gollnick

Part 1 The Context of Schooling 5
These chapters provide an overview of major contextual factors and influences on today’s schools, teaching, and learning. Each chapter in its own way is an environmental scan of the external conditions that are impacting schools from differing historical and sociological perspectives with the author’s vision of future possibilities.

1 The Complexity of American Teacher Education 7
David Imig, Scott Imig, Michael Neel, and Loretta Holmberg-Masden

2 School Reform—A Never-Ending Story: Avoiding Attractive Pitfalls and Exploring Promising Perspectives 29
Roland Vandenberghe

3 The Culture and Teaching Gap: What Is It, and How Can Teacher Educators Help to Close It? 59
Roderick L. Carey, Abiola Farinde-Wu, H. Richard Milner IV, and Lori Delale-O’Connor

4 The Role of the Community in Learning and Development 79
Elizabeth Spier, Raquel L. González, and David Osher

5 Building Capacity in Order to Strengthen Teaching and Learning 107
Sharon Harsh

6 Implementing and Sustaining Language Curriculum Reform in Singapore Primary Schools 151
Jason Loh and Foong Poh-Yi
Part 2   Learners and Learning  173
This set of chapters focuses on twenty-first-century learners, their
approaches to learning, the types of classroom environments most likely
to promote equal opportunities for learning, and curriculum that engages
all learners.

7   Educational Neuroscience: Are We There Yet?  175
John T. Almarode and David B. Daniel

8   Turning Toward Students: Adopting a Student-Centered Stance
in Mandate-Centered Times  199
Alison G. Dover and Brian D. Schultz

9   Learning Anytime, Anywhere through Technology: Reconsidering Teaching
and Learning for the iMaker Generation  225
Timothy D. Green and Loretta C. Donovan

10   The Place of Learning in the Systematization and Standardization of Early
Childhood Education  257
Susan Grieshaber and Sharon Ryan

11   Exceptional Education is Special  277
Dena D. Slanda and Mary E. Little

12   CASE STUDY: Nevada’s English Language Learner Strategy: A Case Study
on Policymaking and Implementation  301
Magdalena Martinez

Part 3   Teachers and Teaching  321
Learning to teach is a process that takes years. These chapters focus on
the many ways that teachers can learn to teach and inspire
student learning.

13   Next Generation Research in Dialogic Learning  323
Lauren B. Resnick, Christa S. C. Asterhan, and Sherice N. Clarke, with Faith Schantz

14   Guiding and Promoting Student Learning: Applying Theory
to Practice  339
LeAnn G. Putney, Connie L. Malin, Teresa Miller, Sarah Crosby, and Bobbie Stanley

15   A Smile is Universal: Building Sensitivity to and Understanding
of Culturally and Linguistically Diverse Learners through
International Field Experiences  365
Amanda J. Laichak
Contents
vii

16 Envisioning Alternative Futures: Elliot Eisner’s Challenge to Industrial Educational Practice 391
   Richard Siegesmund

17 CASE STUDY: Trajectories in Developing Novice Teacher Leadership Potential: A Tale of Two Countries 417
   Ping Gao

18 CRITIQUE: What Effect Size Doesn’t Tell Us 431
   Barrie Bennett

Part 4 Educators as Learners and Leaders 445
Teachers and school administrators provide the leadership that sets the context for student learning. These chapters provide a historical picture of the changes that have influenced leadership in schools from different perspectives.

19 The Importance of Teacher Induction for Improving Teaching and Learning 447
   Matthew C. Nishimoto

20 Teacher Leadership: Past, Present, and Future 473
   Barnett Berry

21 Principal Instructional Leadership: From Prescription to Theory to Practice 505
   Philip Hallinger

22 CASE STUDY: Restorative Justice: An Alternative Approach to School Discipline 529
   Tom Cavanagh

Part 5 Evaluation and Assessment 549
Part 5 of the handbook focuses on the many types of assessment, the ways it can be used in education, the effect it can have on learning, and past, present, and changing attitudes on the use of assessment.

23 Back to the Future: Assessment from 1990 to 2016 551
   Elliott Asp

24 Views of Classroom Assessment: Yesterday, Today, and Tomorrow 577
   Julie Oxenford-O’Brian and Kay P. Uchiyama

25 Rethinking Teacher Quality in the Age of Smart Machines 603
   Yong Zhao
26 Rethinking the Intersection of Instruction, Change, and Systemic Change 619
Barrie Bennett and Stephen Anderson

27 CRITIQUE: On the Limits to Evidence-Based Learning of Educational Science 639
James G. Ladwig

Epilogue: Reflections of the Co-Editors 661
Gene E. Hall, Linda F. Quinn, and Donna M. Gollnick

Index 663