

CONTENTS

Part One • Introduction and Overview

1. Conceptual Outline of the Handbook of Assessment and Selection 3

Neal Schmitt

Part Two • Historical and Social Context of Selection and the Nature of Individual Differences

2. A History of Personnel Selection and Assessment 9
Andrew J. Vinchur and Laura L. Koppes Bryan
3. Individual Differences 31
Kevin R. Murphy
4. The Social and Organizational Context of Personnel Selection 48
Robert E. Ployhart and Benjamin Schneider
5. Employee Recruitment: Current Knowledge and Suggestions for Future Research 68

James A. Breugh

Part Three • Research Strategies

6. The Concept of Validity and the Process of Validation 91
Paul R. Sackett, Dan J. Putka, and Rodney A. McCloy
7. Job Analysis for Knowledge, Skills, Abilities, and Other Characteristics, Predictor Measures, and Performance Outcomes 119
Michael T. Brannick, Adrienne Cadle, and Edward L. Levine
8. Organizational Strategy and Staffing 147
John P. Hausknecht and Patrick M. Wright
9. Meta-Analysis as a Validity Summary Tool 156

George C. Banks and Michael A. McDaniel

Part Four • Individual Difference Constructs

10. Cognitive Abilities 179
Deniz S. Ones, Stephan Dilchert, and Chockalingam Viswesvaran
11. Nature and Use of Personality in Selection 225
Murray R. Barrick and Michael K. Mount
12. Person–Environment Fit in the Selection Process 252

Cheri Ostroff and Yujie Zhan

13. The Assessment of Physical Capabilities in the Workplace 274
Todd A. Baker and Deborah L. Gebhardt
14. Using Composite Predictors in Personnel Selection 297
Kate Hatstrup

Part Five • Measures of Predictor Constructs

15. The Selection Interview from the Interviewer and Applicant Perspectives: Can't Have One without the Other 323
Robert L. Dipboye, Therese Macan, and Comila Shahani-Denning
16. Background Data: Use of Experiential Knowledge in Personnel Selection 353
Michael D. Mumford, Jamie D. Barrett, and Kimberly S. Hester
17. Simulations 383
Filip Lievens and Britt De Soete
18. Individual Psychological Assessment 411
S. Morton McPhail and P. Richard Jeanneret
19. Self-Reports for Employee Selection 443
Paul E. Spector
20. Predictive Bias in Work and Educational Settings 462
Nathan R. Kuncel and David M. Klieger
21. Web-Based Assessments 485
John C. Scott and Daniel V. Lezotte

Part Six • Performance and Outcomes Assessment

22. Supervisory Performance Ratings 517
David J. Woehr and Sylvia Roch
23. The Use of Objective Measures as Criteria in I/O Psychology 532
Walter C. Borman and Tiffany N. Smith
24. A Review of Citizenship and Counterproductive Behaviors in Organizational Decision-Making 543
Brian J. Hoffman and Stephan Dilchert
25. Assessment of Voluntary Turnover in Organizations: Answering the Questions of Why, Who, and How Much 570
Sang Eun Woo and Carl P. Maertz, Jr.
26. Adaptive Performance and Trainability as Criteria in Selection Research 595
Elaine D. Pulakos, Rose A. Mueller-Hanson, and Johnathan K. Nelson
27. Occupational Safety 614
J. Craig Wallace, Jeffrey B. Paul, Ronald S. Landis, and Stephen J. Vodanovich

Part Seven • Societal and Organizational Constraints on Selection

28. Applicant Reactions to Testing and Selection 629
Stephen W. Gilliland and Dirk D. Steiner

29. Multilevel Selection and the Paradox of Sustained Competitive Advantage 667
Robert E. Ployhart
30. Legal Constraints on Personnel Selection Decisions 686
Arthur Gutman
31. Time in Personnel Selection 721
Margaret E. Beier and Phillip L. Ackerman
32. Personnel Selection across the Globe 740
Dirk D. Steiner
33. Employee Value: Combining Utility Analysis with Strategic Human Resource Management Research to Yield Strong Theory 768
Michael C. Sturman
34. "Retooling" Evidence-Based Staffing: Extending the Validation Paradigm Using Management Mental Models 793
John W. Boudreau
35. Workplace Diversity 814
Ann Marie Ryan and Charlotte Powers
36. Team Selection 832
Frederick P. Morgeson, Stephen E. Humphrey, and Matthew C. Reeder
37. Selection Out: How Firms Choose Workers to Lay Off 849
Daniel C. Feldman and Thomas W. H. Ng
38. Contingent Workers: Who Are They and How Can We Select Them for Success? 865
Talya N. Bauer, Donald M. Truxillo, Layla R. Mansfield, and Berrin Erdogan

Part Eight • Implementation and Sustainability of Selection Systems

39. Implementation Issues in Employee Selection Testing 881
Nancy T. Tippins
40. The Life Cycle of Successful Selection Programs 903
Jerard Kehoe, Steven Brown, and Calvin C. Hoffman

Part Nine • Conclusions and Future Directions

41. Theoretical and Practical Issues: Research Needs 939
Neal Schmitt and Catherine Ott-Holland

Index 959