Contents

PREFACE xi

HR as an Expense—The Introduction of Metrics—The Era of Analytics—The Organization of This Book—Acknowledgments

CONTRIBUTORS xvii

PART ONE: INTRODUCTION TO PREDICTIVE ANALYTICS 1

CHAPTER ONE Disruptive Technology: The Power to Predict 3

What Is Analytics?—Introducing HCM:21st—The Value of Insight—The Plan

CHAPTER TWO Toward Analytics and Prediction 8

The Language of Metrics and Analytics—Ascending the Value Ladder—The Power of Analytics—The Model for Predictive Management

Why Analytics Is Important 17

Measuring What Is Important, by Luis Maria Cravino
From Business Analytics to Rational Action, by Kirk Smith
PART TWO:  
THE HCM:21® MODEL  

CHAPTER THREE  
Scan the Market, Manage the Risk  
47  
The Big Picture—The Value of Statistical Analysis—The Importance of Risk Assessment—The Data Speak for Predictive Management—Ready, Aim, Begin  

How to Improve HR Processes  
56  
The Intersection of People and Profits: The Employee Value Proposition, by Joni Thomas Doolin, Michael Harms, and Shyam Patel  
More Than Compensation: Attracting, Motivating, and Retaining Employees, Now and in the Future, by Ryan M. Johnson  
"Best in Brazil": Human Capital and Business Management for Sustainability, by Rugenia Pomi  

CHAPTER FOUR  
The New Face of Workforce Planning  
85  
Human Resources Versus Human Capital Planning—Jumping Ahead of the Competition  

How to Put Capability Planning into Practice  
94  
Scenario Planning: Preparing for Uncertainty, by James P. Ware  
Quality Employee Engagement Measurement: The CEO's Essential Hucametric to Manage the Future, by Kenneth Scarlett  
Truly Paying for Performance, by Erik Berggren  
The Slippery Staircase: Recognizing the Telltale Signs of Employee Disengagement and Turnover, by F. Leigh Branham  

CHAPTER FIVE  
Collapsing the Silos  
141  
Any Process: Input, Output, Throughput—Process Analysis for Human Resources—A Broader Future View—The Integration of HR Services  

How They Are Applying It  
153  
Roberta Versus the Inventory Control System: A Case Study in Human Capital Return on Investment, by Kirk Hallowell
CHAPTER SIX
Turning Data into Business Intelligence

Just What Are Metrics?—Avoiding Common Metrics

How to Interpret the Data

Predictive Analytics for Human Capital Management, by Nico Peruzzi
Using Human Capital Data for Performance Management During Economic Uncertainty, by Kent Barnett and Jeffrey Berk
Using HR Metrics to Make a Difference, by Lee Elliott, Daniel Elliott, and Louis R. Forbringer

PART THREE: THE MODEL IN PRACTICE

CHAPTER SEVEN
Impacting Productivity and the Bottom Line: Ingram Content Group
Wayne M. Keegan

CHAPTER EIGHT
Leveraging Human Capital Analytics for Site Selection: Monster and Enterprise Rent-A-Car
Jesse Harriott, Jeffrey Quinn, and Marie Artim

CHAPTER NINE
Predictive Management at Descon Engineering
Umair Majid and Ahmed Tahir

CHAPTER TEN
Working a Mission-Critical Problem in a Federal Agency
Jac Fitz-enz