TWELFTH EDITION

FOUNDATIONS OF

PHYSICAL EDUCATION AND SPORT



WUEST • BUCHER

FOUNDATIONS OF PHYSICAL EDUCATION AND SPORT

DEBORAH A. WUEST, Ed.D.

Associate Professor, School of Health Sciences and Human Performance Ithaca College, Ithaca, New York

CHARLES A. BUCHER, Ed.D.

TWELFTH EDITION

With 235 illustrations



WCB/McGraw-Hill

A Division of The McGraw-Hill Companies

Acquisitions Editor: Vicki Malinee Developmental Editor: Christy Wells

Project Manager: Mark Spann Designer: David Zielinski

Manufacturing Supervisor: Theresa Fuchs

Cover art: Michael Eastman

TWELFTH EDITION

Copyright © 1995 by Mosby-Year Book, Inc.

Previous editions copyrighted 1952, 1956, 1960, 1964, 1968, 1972, 1975, 1979, 1983, 1987, 1991

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without prior written permission from the publisher.

Permission to photocopy or reproduce solely for internal or personal use is permitted for libraries or other users registered with the Copyright Clearance Center, provided that the base fee of \$4.00 per chapter plus \$.10 per page is paid directly to the Copyright Clearance Center, 27 Congress Street, Salem, MA 01970. This consent does not extend to other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collected works, or for resale.

Printed in the United States of America Composition by Graphic World, Inc. Printing/binding by R.R. Donnelley & Sons

Library of Congress Cataloging in Publication Data

Wuest, Deborah A.

Foundations of physical education and sport / Deborah A. Wuest, Charles A. Bucher. — 12th ed.

p. cm.

Includes bibliographical references and index.

Physical education and training.
 Sports.
 Physical education and training—Vocational guidance.
 Sports—Vocational guidance.
 Bucher, Charles Augustus, 1912-1991.
 Title.
 GV341.886 1995

796' .07—dc20

94-36906

ISBN 0-8151-9612-1

CIP

Preface

The twelfth edition of Foundations of Physical Education and Sport is designed to provide a comprehensive, contemporary text for introductory and foundations courses in physical education. During the past 20 years the knowledge base of physical education has increased tremendously, both in depth and breadth. The dedication of scholars and increasingly sophisticated research techniques have contributed to this expansion. The growth of this knowledge base is reflected in further development of the specialized areas of study, the subdisciplines of physical education and sport.

Career opportunities have grown dramatically as well. Increased opportunities are available for individuals desiring to teach and coach in nonschool settings, such as community-based programs, senior citizen centers, and corporations. Teachers and coaches increasingly work with people of all abilities and ages. Nonteaching and noncoaching careers have grown in availability, and many prospective physical educators aspire to careers in fitness, exercise science, sport management, athletic training, and sports communication.

This text encourages students from the beginning of their career to contribute to the field of physical education and sport and be active participants in shaping the nature of this dynamic field. Students are challenged to fully develop themselves as professionals and make a commitment to excellence. As young leaders entering the field, it is hoped that they will work collaboratively with other dedicated professionals to address the issues facing us and confront the challenges that lie ahead.

CHANGES IN THE TWELFTH EDITION

The twelfth edition has been revised to reflect current changes and new developments in physical education and sport. This edition has retained a strong emphasis on the foundations of physical education and sport. The knowledge base of the subdisciplines of physical education has grown substantially in the past decade. This edition reflects the latest thinking and research that form the foundations for this dynamic field.

This edition includes expanded information on career opportunities. This revision strengthens the emphasis placed on early preparation for a career in physical education and sport. It calls upon readers to make a commitment to the pursuit of excellence and a high level of professionalism.

This edition of *Foundations of Physical Education* and *Sport* has been revised to reflect the continuing growth of the field. It also seeks to challenge readers not only to join the field but to play a significant role in shaping the future of the field.

Organization

The 16 chapters that comprise the text have been grouped into four parts. Part One provides the student with an orientation to physical education and sport. Chapter One introduces the student to the discipline of physical education and sport, defines physical education and sport, clarifies terminology that will be used throughout the text, discusses various philosophies, and provides information on how to develop a personal philosophy of physical education and sport. In Chapter 2, the objectives of physical education and sport programs are identified, the priority for various objectives is discussed, and the assessment of objectives is presented. Chapter 3 examines the role of physical education and sport in society and in education as well as the educational reform, fitness, and wellness movements. Part One concludes with Chapter 4, which presents information about the nature of human movement—the keystone of physical education and sport.

In Part Two, the historical and scientific foundations of physical education and sport are presented in five chapters. The historical foundations of physical education and sport are covered in Chapter 5. The vi PREFACE

development of physical education and sport from early cultures to today is traced. The physiological, psychological, sociological, and biomechanical foundations are reviewed in Chapters 6, 7, 8, and 9, respectively. These chapters present students with information about the development of the subdiscipline, questions that are typically addressed by researchers within the field, key concepts, and current areas of study.

Part Three, which consists of five chapters, addresses professional considerations, such as career opportunities within the field, preparation for a career in physical education and sport, and professional responsibilities. Chapter 10 identifies numerous career opportunities, assists students in the process of self-assessing their abilities and interests, provides a general overview of professional preparation curricula, and suggests strategies that students can employ to enhance their professional marketability. Chapters 11, 12, and 13 offer more in-depth information about specific career opportunities in physical education and sport, including the responsibilities associated with each career, advantages and disadvantages of specific career choices, and specific strategies to enhance professional marketability relative to these chosen careers. Chapter 11 describes teaching and coaching careers and how opportunities for these careers have broadened from the school setting and school-aged population to nonschool settings and to include persons of all abilities and ages. In Chapter 12, the many new employment opportunities in fitness and health-related careers are examined. Careers in sport management, sport communication, performance, and other sportrelated careers such as officiating are described as well as information on the growing field of sport entrepreneurship in Chapter 13. Professional responsibilities and the development of leadership is the focus of Chapter 14. Various professional organizations are identified and advantages of belonging to such organizations are also described within this chapter.

Part Four explores issues and challenges confronting professionals today and looks at the future of physical education and sport. Chapter 15 addresses timely issues in physical education and sport. Five issues are examined: the role of the physical educator in the consumer education movement, the promotion of values, the role of physical educators in youth sports, the growing discipline and the debate over its name, and the gap between research and practice. Four of the challenges facing professionals are making quality daily physical education in the schools a reality, conducting effective public relations programs, attaining the health objectives for the year 2000, and promoting lifespan involvement in physical education and sport for all people. The final chapter, Chapter 16, examines the future of physical education and sport. Societal trends are analyzed in light of current developments. To prepare for the future, professionals must be willing to assume the responsibility for the leadership of our field and work to improve the manner in which we provide services to people of all ages.

PEDAGOGICAL FEATURES

To facilitate use by instructors and students, several pedagogical aids have been incorporated into this textbook. These aids include the following:

Instructional Objectives. At the beginning of each chapter the instructional objectives and competencies to be achieved by the student are listed. This identifies for the student the points that will be highlighted in the chapter. Attainment of the objectives indicates the fulfillment of the chapter's intent.

Introductory Paragraphs. A short introduction is provided for each chapter. This serves to provide students with a transition from previously presented material to the material to be presented within the chapter.

Summaries. Each chapter ends with a brief review of the material covered, assisting the student in understanding and retaining the most salient points.

Self-Assessment Tests. Self-assessment tests and activities are presented at the end of each chapter to enable students to check their comprehension of the chapter material.

References. Each chapter provides up-to-date references to allow students to gain further information about the subjects discussed within the chapter.

Suggested Readings. Additional and easily accessible resources from current literature that relate to

PREFACE

the chapter topic have been selected and **annotated**. These readings offer students the opportunity to further broaden their knowledge and understanding of various subjects.

Photographs. Numerous photographs, many new, have been used throughout the text to enhance the presentation of material and to illustrate key points.

INSTRUCTOR'S MANUAL

The *Instructor's Manual* provides the instructor with additional material to facilitate the use of this text. The *Instructor's Manual* includes the following features for each chapter.

Chapter Overview. The chapter overview presents the salient points covered in the chapter.

Test Items. Subjective test questions and a variety of objective test items are given, including multiple choice, true/false, completion, and matching.

Suggested Activities. Suggested in-class student activities as well as outside assignments are presented.

Other features include *case studies* to provide opportunities for practical application of the material presented and *resources* for further information.

Foundations of Physical Education and Sport has been written in a style that students find readable and that provides them with important insights into the foundations and the roles of physical education and sport in the world today. Students will find substantial information about the career and professional op-

portunities that exist for knowledgeable, dedicated, and well-prepared physical educators.

ACKNOWLEDGMENTS

My thanks are gratefully extended to the publisher's reviewers for their insightful comments and critical suggestions which helped greatly in the revision of this book. They include the following:

Lena-Marie Cool

Kellogg Community College

Merlin Morrow

Hardin-Simmons University

Ernest H. Perry

St. Augustine's College

Ed Scantling

University of Nebraska

Tim Windemuth

Walla Walla College

A special recognition is extended to the outstanding professionals at Mosby-Year Book, Inc. Their professional expertise and guidance were invaluable in the completion of this revision.

Special heartfelt thanks are extended to my friends and colleagues who helped in many ways in the revision of this book. From critically reviewing parts of the manuscript to taking photographs under all sorts of conditions to offering encouragement when it was most needed, they were unfailing in their support. Thank you for being there.

Introduction

The young person choosing a career in today's world is faced with a critical decision. Many changes have occurred in the last few years that make the choice extremely difficult. The nation's economy has been in a state of upheaval, resulting in problems such as budget cutbacks, inflated prices, inner city difficulties, unemployment, and mounting government deficits. Increased technology has resulted in changes in the work place. Concern for the environment has generated the implementation of protective measures against noise, radiation, and the pollution or destruction of land, forests, and waterways. Concern about the quality of education provided for young people has led to calls for educational reform. The growth of knowledge in recent years and projected future developments in the areas of information and technology have led educators to emphasize the need for lifelong learning.

Many changes in the American culture that have taken place in the past few years have implications for physical education and sport. Americans have witnessed the growing interest in sport by all segments of society typified by the fitness boom and the wellness movement. More people are engaging in physical activities of all types, the number of spectators at sport events is growing, and the sale of sport equipment is booming. Sport events receive worldwide coverage. More people of all ages and abilities are aware of more and different kinds of sport and physical activities and have a desire for instruction in skills to participate. New interest has been generated in health and fitness. The wellness movement has increased people's awareness of their responsibility for their own health and has drawn attention to the role of fitness and health in the attainment of optimal well-being. The interest in sport and fitness by people of all ages and abilities has stimulated the growth of nonschool physical education and sport programs for all segments of the population.

Most young persons like sport and other forms of physical activity. They are also concerned with the nation's health and fitness. As a result many young persons are exploring the field of physical education and sport as a possible career. As part of this exploration process they want to know the realm of employment opportunities in physical education and sport and if they can contribute to this profession. They also want to know the developing trends in the field, what the future holds for the profession, and the personal and professional qualities that will help them attain success if

xvi INTRODUCTION

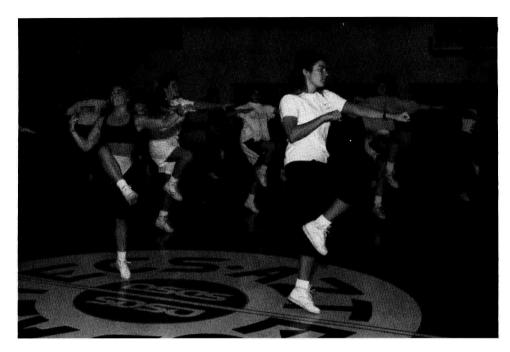


The growth of sport in recent years has created interest among young and old alike.

they choose physical education and sport as a career. Young persons want information that will give them new insights into the true meaning of physical education and sport, a sound philosophy that will guide them in their future endeavors, knowledge of the history of this field and its influence, and an understanding of the physiological, psychological, sociological, and biomechanical foundations on which this profession rests.

This text is designed to expose students to the answers to these and other pertinent and thought-provoking questions. It also will provide insights into the meaning, objectives, and philosophy of physical education and sport. It traces the history of physical education and the changes that have taken place in the field, including the emphasis on movement as a keystone of physical education. This text investigates the physiological, psychological, sociological, and biomechanical foundations of physical activity. It explores a variety of careers, both in the school and nonschool setting, with people of all ages and abilities, and describes how individuals can prepare themselves for their chosen careers in this exciting and dynamic field. This text examines physical education and sport teaching and coaching careers;

INTRODUCTION xvii



Aerobic dancing contributes to cardiorespiratory fitness, muscular fitness, and flexibility.

fitness- and health-related careers; and careers in media, management, performance, and other related sport areas. Professional responsibilities, such as providing leadership and attaining membership in professional organizations, are described. Finally, this text discusses the many issues and challenges confronting physical educators and the future of physical education and sport. Preparation for the 21st century requires a willingness to address these issues and take on these challenges if the potential of physical education and sport to enrich the lives of all people is to be fulfilled.

Part

Nature and Scope of Physical Education and Sport

Contents

Introduction

Part One Nature and Scope of Physical Education and Sport

Meaning and Philosophy of Physical Education and Sport, 2

Introduction to the Study of Physical Education and Sport, 3

What is Physical Education? 6

A New Name for Physical Education? 7

Discipline of Physical Education, 8

Allied Fields, 12

Health, 12

Recreation, 14

Dance, 14

Philosophy, 15

What Is Philosophy? 16

Philosophy and Physical Education and

Sport—Why Have a Philosophy? 17

General Philosophies, 20

Idealism, 20

Realism, 21

Pragmatism, 21

Naturalism, 21

Existentialism, 23

Traditional and Modern Educational

Philosophies, 23

A Humanistic Philosophy, 23

Modern Humanistic View of Physical Education and Sport, 24

Eclectic Approach to Philosophy, 25

Your Philosophy of Physical Education and Sport, 25 Terminology, 26

Physical Activity, Exercise, and Physical

Health-related and Motor-performance-related

Fitness, 26

Fitness, 26

Athletics, 26

Health and Wellness, 26

Summary, 28

2 Objectives for Physical Education and Sport, 31

What Do We Mean by the Terms "Goals" and "Objectives"? 32

Why Are Objectives Needed in Physical Education and Sport? 33

What Are the Objectives of Physical Education and Sport? 34

Objectives of Physical Education and Sport, 35

Physical Fitness Development Objective, 35 Motor Skill Development Objective, 36

Cognitive Development Objective, 40

Affective Development Objective, 41

Is There a Priority for Objectives of Physical

Education and Sport? 43

Physically Educated Students: The Ultimate Objective for School Programs of Physical Education, 47

Concept Approach and Physical Education and Sport, 48

> Basic Stuff: A Conceptual Approach to Physical Education, 49

Measurement and Evaluation in Physical Education and Sport, 50

Measurement and Evaluation for Adapted Physical Education, 51

Purposes of Measurement and Evaluation, 53

Obtaining Information about Objectives, 54

Physical Fitness Development Objective, 54

Motor Skill Development Objective, 55

Cognitive Development Objective, 55

Affective Development Objective, 56

Using Test Results, 57

Summary, 57

3 Role of Physical Education and Sport in Society and in Education, 62

Role of Education in Today's Society, 63 Goals of Contemporary Education, 63

Areas of Focus, 64

Objectives of Education, 67

Contribution of Physical Education to Education, 70

K CONTENTS

Physical Education and the Goals of	Throwing, 110
Education, 70	Catching, 110
Physical Education and Learning in the	Kicking, 110
Educational Domains, 71	Striking, 110
Cognitive Development, 71	Nature of Movement Education, 112
Affective Development, 72	Origins of Movement Education, 113
Psychomotor Development, 74	Traditional Approach versus Movement
Educational Reform Movement, 76	Education, 114
What Are the Implications of the Educational	Key Concepts of Movement Education, 114
Reform Movement for Physical	Summary, 120
Education? 77	Junitary, 120
Wellness Movement, 81	Part Two Foundations of Physical Education
What Are the Implications of the Wellness	and Sport
Movement for Physical Education and	and sport
Sport? 84	5 Historical Foundations of Physical Education
Fitness Movement, 87	and Sport, 124
the state of the s	and an extra two two two to an extra terms of
What Are the Implications of the Fitness	What Lessons Can Be Learned from History? 125
Movement for Physical Education and	Physical Education and Sport in Ancient
Sport? 91	Nations, 126
Summary, 93	China, 126
Movement: The Kovetone of Physical Education	India, 127
Movement: The Keystone of Physical Education	Ancient Near East, 128
and Sport, 97	Physical Education and Sport in Greece, 128
General Factors that Affect Movement, 98	Physical Education and Sport in Rome, 131
Movement Concepts, 99	Physical Education and Sport During the Dark
Body Awareness, 99	Ages, 132
Movement of the Body and Its Parts, 99	Asceticism and Scholasticism, 132
Body Shape, 100	Physical Education and Sport During the Age of
Other Aspects of Body Awareness, 100	Feudalism, 133
Spatial Awareness, 101	Physical Education and Sport During the
Space, 101	Renaissance, 134
Direction, 101	Physical Education and Sport in Europe, 135
Level, 102	Germany, 135
Pathways, 102	Sweden, 137
Qualities of Movement, 103	Denmark, 138
Time, 103	Great Britain, 138
Force, 103	Physical Education and Sport in the United
Flow, 104	States, 139
Relationships, 105	Colonial Period (1607 to 1783), 139
Relationships with Objects, 105	National Period (1784 to 1861), 139
	Civil War Period until 1900, 140
Relationships with People, 105 Selected Fundamental Movements, 106	
- (w. 4)	Early Twentieth Century, 144
Locomotor Movements, 107	World War I (1916 to 1919), 148
Nonlocomotor Movements, 108	Golden Twenties (1920 to 1929), 149
Bending and Stretching, 108	Depression Years (1930 to 1939), 151
Twisting and Turning, 109	Mid-twentieth Century (1940 to 1970), 152
Pushing and Pulling, 109	Impact of World War II, 152
Lifting, 109	The Physical Fitness Movement, 152
Swinging, 110	Professional Preparation, 153
Manipulative Skills, 110	Athletics, 153

CONTENTS

International Developments, 154
Programs for Individuals with
Disabilities, 154
Research, 154
Facilities and Equipment, 155
Significant Recent Developments (1970 to
Present), 155
Preventive Medicine, 157
Physical Fitness, 157
Physical Activity as a Therapeutic Modality, 159
Girls' and Women's Sports, 159
Programs for Individuals with Disabilities, 162
Facilities and Equipment, 164
Summary, 164

6 Exercise Physiology and Fitness, 167

Exercise Physiology: An Overview, 168
Scope and Status of Exercise Physiology, 168
Sports Medicine, 170
Physical Fitness and Exercise Physiology, 170
Physical Fitness: Health Fitness Dimensions, 171
Benefits of Physical Activity and Exercise, 172
Principles of Fitness Training, 176
Planning a Fitness Program, 178
Health Fitness Community 177

Health Fitness Components, 179
Cardiorespiratory Endurance, 179
Body Composition, 185
Muscular Strength and Endurance, 191

Flexibility, 195 Conducting Fitness Programs, 200

> Effects of Training, 202 Contributors to Fitness, 202

Nutrition and Fitness, 202

Stress Management and Fitness, 205

Deterrents to Fitness, 206

Tobacco and Fitness, 207

Drug Abuse, 208

Alcohol and Fitness, 208

Fitness and the Consumer, 210

Summary, 210

7 Psychological Foundations of Physical Education and Sport, 213

Learning, 214
Cognitive Learning, 214
Affective Learning, 214
Psychomotor Learning, 214
Skill Learning, 214
Information-Processing Model, 216

Stages of Learning, 217 Cognitive Stage, 217

Associative Stage, 218

Autonomous Stage, 218

Forces Influencing Learning, 218

rces influencing Learning, 216

Readiness and Motor Learning, 219 Motor Development and Motor Learning, 220

Motivation and Motor Learning, 221

Reinforcement and Motor Learning, 222

xi

Individual Differences and Motor

Learning, 223

Motor Learning Concepts, 223

Psychology of Sport and Exercise, 230

Selected Topics, 232

Psychological Benefits of Physical

Activity, 232

Exercise and Adherence, 233

Self-Attitudes and Body Image, 234

Personality, 235

Anxiety and Arousal, 236

Attention, 238

Intervention Strategies, 239

Summary, 241

8 Sociological Foundations of Physical Education and Sport, 244

Sociology of Sport, 245

Definition of Sport, 247

Sport Activities, 247

Conditions, 247

Participation Motives, 248

What Sport Does for People, 248

Sport in the American Culture, 249

Sport in Educational Institutions, 250

Interscholastic Sports, 251

Intercollegiate Sports, 255

Toward an Educational Philosophy of Sport, 260

Guideline 1—Restructure Athletics to Achieve
Cognitive Psychomotor and Affective

Cognitive, Psychomotor, and Affective

Learnings, 261

Guideline 2—Provide an Athletic Program

Where the Intensity of the Competition is

Developmental in Nature, 262

Guideline 3-Provide More Athletic

Opportunities for Girls, Women, and

Athletes with Disabilities, 262

Guideline 4—Institute Changes in the Organization and Administration of Athletic

Programs, 263

xii CONTENTS

Concerns in Sport Today, 263
Girls and Women in Sport, 263
Minorities in Sport, 268
Sport for Individuals with Disabilities, 271
Sport for Children and Youth, 273
International Sport: the Olympics, 277
Amateur Sport, 278
Violence, 279
Summary, 281

9 Biomechanical Foundations of Physical Education and Sport, 283

Biomechanics and Kinesiology, 284 Growth and Use of Biomechanics, 284 Reasons for Studying Biomechanics, 285 Major Areas of Study, 286 Selected Biomechanical Terms Relating to Human Motion, 287 Mechanical Principles and Concepts Related to Movement, 289 Stability, 289 Motion, 290 Newton's First Law, 290 Newton's Second Law, 290 Newton's Third Law, 291 Linear and Rotary Motion, 291 Linear Motion, 291 Rotary Motion, 291 Leverage, 291 Force, 292 Production of Force, 293 Application of Force, 293 Absorption of Force, 294 Biomechanical Analysis, 295

Part Three Careers and Professional Considerations in Physical Education and Sport

Instruments, 295

Analysis, 299

Summary, 300

10 Preparing for a Career in Physical Education and Sport, 304

Careers in Physical Education and Sport, 304 Choosing a Career, 306 Maximizing Professional Preparation, 309 Education, 309 Related Experiences, 313 Professional Involvement, 315 Attaining a Professional Position, 316 Summary, 319

11 Teaching and Coaching Careers in Physical Education and Sport, 321

The Teaching Profession, 322 Choosing a Teaching Career, 322 What Are the Benefits and Drawbacks Associated with Teaching? 322 What Is Effective Teaching? 323 Teaching Responsibilities, 326 Teaching Careers, 328 Teaching in the School Setting, 328 Teaching in an Elementary School, 328 Teaching in a Middle School or Junior High School, 330 Teaching in a High School, 331 Teaching Physical Education in Higher Education, 333 Teaching Physical Education in Professional Preparation Programs, 334 Teaching Adapted Physical Activities, 334 Teaching Physical Education in Special-Interest Schools, 335 Teaching in Nonschool Settings, 336 Teaching in Commercial Sport Clubs, 338 Teaching in Youth and Community Organizations, 338 Teaching in Centers for the Elderly, 339 Teaching in Resorts, 339 Teaching in the Armed Forces, 340 Developmentally Appropriate Physical Activity Experiences, 340 Certification for Teaching in the Schools, 340 Coaching Careers, 344 Choosing a Coaching Career, 345 What Are the Benefits and Drawbacks of Coaching? 345 Teaching and Coaching, 346 Coaching Responsibilities, 346 Securing a Coaching Position, 348 Certification of Coaches, 344 Burnout, 349

Increasing Your Professional Marketability, 351

Summary, 352

CONTENTS xiii

12 Fitness- and Health-Related Careers in Physical Education and Sport, 354

Fitness- and Exercise-Related Careers, 355

Corporate Fitness Programs, 358

Commercial and Community Fitness

Programs, 360

Personal Trainers, 362

Rehabilitation Programs, 362

Career Preparation, 362

Health-Related Careers, 364

Health and Weight Control Clubs and

Spas, 367

Therapy-Related Careers, 368

Dance Therapy, 368

Recreational Therapy, 368

Movement Therapy, 369

Increasing Your Professional Marketability, 369 Summary, 370

13 Sport Careers in Management, Media, Performance, and Other Related Areas, 373

Careers in Sport Management, 373

Athletic Administration, 374

Director of Intramurals and/or Campus

Recreation, 375

Director of Industrial Recreation, 375

Sport Facilities Management, 376

Sport Retailing, 377

Career Opportunities in Professional

Organizations, 378

Careers in Sports Media, 378

Sport Broadcasting, 378

Sportswriting and Journalism, 380

Sport Photography, 381

Sports Information Director, 381

Performance and Other Sport Careers, 382

Dance Careers, 382

Professional Athletics, 382

Officiating Careers, 383

Sport Law, 384

Entrepreneur, 385

Increasing Your Professional Marketability, 386

Summary, 387

14 Leadership and Professional Organizations in Physical Education and Sport, 389

Definition of Leadership, 390

Personal Qualities Needed for Leadership, 391

Energy, 391

Sense of Purpose and Direction, 391

Enthusiasm, 391

Integrity, 392

Friendliness and Affection, 392

Technical Mastery, 392

Decisiveness, 392

Intelligence, 392

Teaching Skill, 392

Faith, 392

Professional Qualities Needed, 392

Creativity, 392

Interest in Research, 393

Accountability, 394

Formula for Achieving Leadership Status, 394

Health and Personality, 395

Applied Intelligence, 395

Articulation, 396

Dedication and Hard Work, 396

Respect for Other People, 396

Desire, 396

Professional Organizations in Physical Education and Sport, 397

Why Belong to a Professional Association? 397

Professional Organizations, 398

American Alliance for Health, Physical Education, Recreation, and

Dance, 399

American College of Sports

Medicine, 401

Association for Fitness in Business, 401

College Sports Information Directors of

America, 402

National Athletic Trainers

Association, 402

National Intramural-Recreational Sports

Association, 402

National Recreation and Park

Association, 403

North American Society for the

Psychology of Sport and Physical

Activity, 404

The Philosophic Society for the Study of

Sport, 404

North American Society for Sport

History, 404

xiv CONTENTS

North American Society for the Sociology of Sport, 404 North American Society for Sport Management, 404

Summary, 405

Part Four Issues, Challenges and the Future of Physical Education and Sport

15 Issues and Challenges in Physical Education and Sport, 410

Issues in Physical Education and Sport Today, 411
Leadership in the Consumer Education
Movement, 413
Teaching Values in Physical Education and
Sport, 414
Leadership in Youth Sport, 416

The Growing Discipline, 418

The Gap between Research and Practice, 420 Challenges, 422

High-Quality Daily Physical Education, 422 Public Relations, 425 Objectives for the Nation, 428 Lifespan Involvement for All People, 430 Summary, 433

16 Future of Physical Education and Sport, 436

Societal Trends and Current Developments, 438 Health Promotion and Disease Prevention

Movement, 438

Wellness Movement, 438

Fitness Movement, 439

Health Care Reform, 440

Education, 441

Technology, 442

Changing Demographics, 443

Expanding Frontiers, 444

Preparing for the Future, 445

Physical Educators' Establishment of Jurisdiction

over Their Domain, 445

Physical Educators' Delivery Systems, 447

The Future, 448

Summary, 450

One

Introduction

Part One introduces the reader to the field of physical education and sport. The four chapters in Part One present in a logical manner a definition of physical education and sport and specialized areas within this realm, the influence of various philosophies on physical education and sport programs, the objectives of physical education and sport, the role of physical education and sport in society and in education, and the keystone—movement. Part One provides the foundational information needed to understand the nature and scope of physical education and sport, the role of sport in today's world, and the contribution that persons involved in physical education and sport can make to society. Physical education and sport is a growing and expanding profession. The growth of physical education and sport is reflected in the enlargement of the knowledge base and the development of specialized areas of study. The expansion of physical education and sport has created a diversity of career options for professionals in this field.