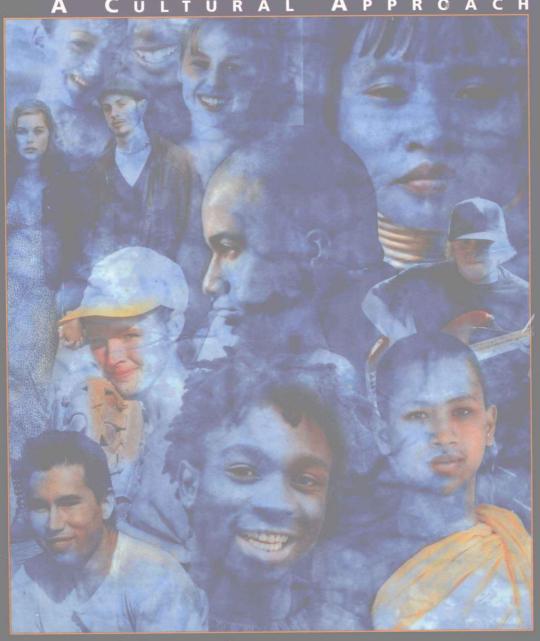
dolescence



JEFFREY JENSEN ARNETT

Adolescence and Emerging Adulthood

Library of Congress Cataloging-in-Publication Data

Arnett, Jeffrey Jensen,

Adolescence and emerging adulthood: a cultural approach/Jeffrey Arnett.—1st ed.

p. cm.

Includes bibliographical references and index.

ISBN 0-13-089444-3 (alk. paper)

1. Adolescence—Cross-cultural studies. 2. Teenagers—Cross-cultural studies.

3. Young adults—Cross-cultural studies. I. Title.

HQ796 .A7255 2000

305.235-dc21

00-058874

VP/Editorial Director: Laura Pearson Senior Acquisitions Editor: Jennifer Gilliland

Editorial Assistant: Nicole Girrbach

AVP and Director of Production and Manufacturing:

Barbara Kittle

Managing Editor: Mary Rottino

Editorial Production Supervisor: Lisa M. Guidone

Production Assistant: Meredith Gnerre

Prepress and Manufacturing Manager: Nick Sklitsis Prepress and Manufacturing Buyer: Tricia Kenny

Creative Design Director: Leslie Osher

Art Director: Carole Anson Interior Designer: Paul Gourhan Cover Design: Paul Gourhan Art Manager: Guy Ruggiero

Line Art Coordinator: Mirella Signoretto

Photo Research: Linda Sykes Image Specialist: Beth Boyd

Manager, Rights and Permission: Kay Dellosa Director, Image Resource Center: Melinda Reo Director of Marketing: Beth Gillett Mejia Senior Marketing Manager: Sharon Cosgrove

Copyeditor: Kathy Pruno Proofreader: Rainbow Graphics

Indexer: Linda Buskus, Northwind Editorial Services

Acknowledgments for copyrighted material may be found beginning on p. 493, which constitutes an extension of this copyright page.

This book was set in 10/12 New Baskerville Roman by TSI Graphics and was printed by Von Hoffman Press. The cover was printed by Von Hoffman Press.



© 2001 by Prentice-Hall, Inc. A Division of Pearson Education Upper Saddle River, New Jersey 07458

All rights reserved. No part of this book may be reproduced, in any form or by any means, without permission in writing from the publisher.

Printed in the United States of America 10 9 8 7 6 5 4 3 2 1

ISBN 0-13-089444-3

Prentice-Hall International (UK) Limited, London Prentice-Hall of Australia Pty. Limited, Sydney Prentice-Hall Canada, Inc., Toronto Prentice-Hall Hispanoamericana, S.A., Mexico Prentice-Hall of India Private Limited, New Delhi Prentice-Hall of Japan, Inc., Tokyo Pearson Education Asia Pte. Ltd., Singapore Editora Prentice-Hall do Brasil, Ltda., Rio de Janeiro

To Robin, Kelly, Nathan, Raina, Paris, and Milesso much to look forward to!

Preface

Adolescence is a fascinating time of life, and for most instructors it is an enjoyable topic to teach. For many students taking the course, it is the time of life they have just completed or are now passing through. Learning about development during this period is a journey of self-discovery for them, in part. Students who are many years beyond this period often enjoy reflecting back on who they were then, and they come away with a new understanding of their past and present selves. What students learn from a course on adolescence often confirms their own intuitions and experiences, and sometimes contradicts or expands what they thought they knew. When it works well, a course on adolescence can change not only how students understand themselves, but also how they understand others and how they think about the world around them. For instructors, the possibility the course offers for students' growth of understanding is often stimulating. My goal in writing this textbook has been to assist instructors and students in making illuminating connections of understanding on this dynamic and complex age period.

This is a first edition textbook so it may be useful to outline the features that distinguish it from existing textbooks. I wrote this book with the intention of presenting a fresh conception of the field of adolescence—a conception reflecting what I believe to be the most promising and exciting new currents. There are four essential features of the conception that guided this book: (1) a focus on the cultural basis of development; (2) an extension of the age period covered to include "emerging adulthood" (roughly ages 18 to 25), as well as adolescence; (3) an emphasis on historical context; and (4) an interdisciplinary approach to theories and research.

The Cultural Approach

In teaching courses on adolescence, from large lecture classes to small seminars, I have always brought a considerable amount of research from other cultures into the classroom. My education as a postdoctoral student at the Committee on Human Development at the University of Chicago included a substantial focus on anthropology. Learning to take a cultural approach to development greatly expanded and deepened my own

understanding of adolescence, and I have seen the cultural approach work this way for my students as well. Through an awareness of the diversity of cultural practices, customs, and beliefs about adolescence, we expand our knowledge of the range of developmental possibilities. We also gain a greater understanding of adolescent development in our own culture by learning to see it as only one of many possible paths.

Taking a cultural approach to development means infusing discussion of every aspect of development with a cultural perspective. I present the essentials of the cultural approach in the first chapter, and it serves as a theme throughout the book. Each chapter also includes a *Cultural Focus* box in which an aspect of development in a specific culture is explored indepth—for example, adolescents' family relationships in India, Germany's apprenticeship program, and media use among young people in Nepal.

My hope is that students will learn not only that adolescent development can be different depending on the culture, but also how to *think culturally*—that is, how to analyze all aspects of adolescent development for their cultural basis. This includes learning how to critique research for the extent to which it does or does not take the cultural basis of development into account. I provide this kind of critique at numerous points throughout the book.

Emerging Adulthood

Not only is adolescence an inherently fascinating period of life, but we are also currently in an especially interesting historical moment with respect to this period. One distinguishing feature of adolescence in our time is that it begins far earlier than it did a century ago, because puberty begins for most people in industrialized countries at a much younger age. Yet, if we measure the end of adolescence in terms of taking on adult roles such as marriage, parenthood, and stable full-time work, then adolescence also ends much later than it has in the past because many people postpone these transitions until at least the mid-twenties. My own research over the past few years has focused on development among young Americans from their late teens through their mid-twenties, including Asian Americans, African Americans, Latinos, and Whites. I have

concluded on the basis of this research that this period is neither adolescence nor adulthood, nor even "young adulthood." In my view, the transition to adulthood has become so prolonged that it constitutes a separate period of the life course in industrialized societies lasting about as long as adolescence.

Thus, a second distinguishing feature of the conception guiding this textbook is that the age period covered includes not only adolescence but also "emerging adulthood"—the period extending from the late teens through the mid-twenties. In a recent paper in American Psychologist (Arnett, 2000a), I presented a theory of emerging adulthood, conceptualizing it as a period characterized by instability and by exploration of possible life directions in love, work, and worldviews. I describe this theory in some detail in the first chapter of this book, and use it as the framework for discussing emerging adulthood in the chapters that follow. Since there is not nearly as much research on emerging adulthood as there is on adolescence, the balance of material in each chapter tilts quite strongly toward adolescence. However, each chapter contains material that pertains to emerging adulthood.

The Historical Context

Given the differences between adolescence now and adolescence in the past, knowledge of the historical context of development is crucial to a complete understanding of adolescent development. Students will have a richer understanding of adolescent development if they are able to contrast the lives of young people in the present with the lives of young people in other times. Toward this end, I provide historical material in each chapter. Each chapter also contains a *Historical Focus* box that focuses on young people's development during a specific historical period—for example, adolescents' family lives during the Great Depression, the "Roaring Twenties" and the rise of youth culture, and work among British adolescents in the 19th century.

The emphasis on the historical context of development is especially important now with the accelerating pace of cultural change that has taken place around the world in recent decades due to the influence of globalization. In economically developing countries, the pace of change in recent decades has been especially dramatic, and young people often find themselves growing up in a culture that is much different

than the one their parents experienced in their own adolescence. Globalization is a pervasive influence on the lives of young people today, in ways both promising and troubling, and for this reason I have made it one of the unifying themes of the book.

An Interdisciplinary Approach

The cultural approach and the emphasis on historical context are related to a fourth distinguishing feature of the conception offered in this book—the interdisciplinary approach to theories and research. Psychology and education are naturally represented abundantly because these are the disciplines where the most research on adolescent development takes place. However, I also integrate materials from a wide range of other fields. Much of the theory and research that is the basis for a cultural understanding of adolescence comes from anthropology, so anthropological studies are strongly represented. Students often find this material fascinating because it effectively challenges their assumptions about what they expect adolescence to be like. Interesting and important cultural material on adolescence also comes from sociology, especially with respect to European and Asian societies, and these studies find a place here. History is notably represented for providing the historical perspective discussed above. Other disciplines drawn from include psychiatry, medicine, and family studies.

The integration of materials across disciplines means drawing on a variety of research methods. The reader will find many different research methods represented here from questionnaires and interviews to ethnographic research and biological measurements. Each chapter contains a *Research Focus* box, in which the methods used in a specific study are described in detail.

Chapter Topics

My goal of presenting a fresh conception of young people's development has resulted in chapters on topics not represented as strongly in most other textbooks. Most textbooks include a discussion of moral development, but this textbook has a chapter on cultural beliefs (Chapter 4), including moral development, religious beliefs, political beliefs, and a discussion of individualistic and collectivistic beliefs in various cultures. This chapter pro-

vides a strong basis for a cultural understanding of adolescent development, because it emphasizes how the judgments we make about how adolescents should think and act are almost always rooted in cultural beliefs.

While most textbooks also include a discussion of gender issues at various points, and some include a separate chapter on gender, this textbook includes a chapter on gender (Chapter 5) that focuses on cultural variations and historical changes in gender roles, in addition to discussions of gender issues throughout the book. Gender is a key defining guideline for life in every culture, and the vivid examples of gender roles and expectations in non-Western cultures should help students become more aware of how gender acts as a defining guideline for young people's development in their own culture as well.

This textbook also has an entire chapter on work (Chapter 11), which is central to the lives of adolescents in developing countries because a high proportion of them are not in school. In industrialized societies, the transition from school to work is an important part of emerging adulthood, and this transition receives special attention in this chapter. An entire chapter on media is included (Chapter 12) with sections on computer games and the Internet. In most societies today, media are a prominent part of young people's lives, but this is a topic that receives surprisingly little attention in most textbooks. Finally, this textbook closes with a chapter on adolescence and emerging adulthood in the 21st century, in which the futures awaiting young people around the world are considered. In this chapter, we take a sweeping tour of the future prospects facing young people in every part of the world, and we see once more how dramatically different the lives of young people in different cultures can be.

One chapter found in most other textbooks but not in this one is a chapter on theories. In my view, having a separate chapter on theories gives students a misleading impression of the purpose and function of theories in the scientific enterprise. Theories and research are intrinsically related, with good theories inspiring research and good research leading to changes and innovations in theories. Presenting theories separately turns theory chapters into a kind of "Theory Museum," separate and sealed off from research. Instead, I present theoretical material throughout the book, always in relation to the research the theory has been based on and has inspired.

Each chapter contains a number of critical thinking questions under the heading *Thinking Critically*. Critical thinking has become a popular term in academic circles and it has been subject to a variety of definitions, so I should explain how I used the term here. The purpose of the critical thinking questions was to inspire students to a higher level of analysis and reflection about the ideas and information in the chapters—higher, that is, than they would be likely to achieve simply by reading the chapter. With the critical thinking questions I sought to encourage students to connect ideas across chapters, to consider hypothetical questions, and to apply the chapter materials to their own lives. Often, the questions have no "right answer." Although they are mainly intended to assist students in attaining a high level of thinking as they read, they may also serve as lively material for class discussion.

Supplements to the Textbook

The supplements for this textbook have been prepared by Dr. Kimberly Schonert-Reichl and her graduate students in the Department of Education at the University of British Columbia. Kim is a respected scholar on adolescence who had years of experience as a high school teacher before becoming a professor, and she has made fruitful use of her skills as both a scholar and a teacher in preparing the Instructor's Resource Manual. I have worked with her in choosing the topics for the Manual so that it would complement the textbook.

The Instructor's Resource Manual with Tests and Web site (www.prenhall.com/arnett) was prepared carefully and thoroughly by Kimberly Schonert-Reichl, Helen Novak, and Sandra Jarvis Selinger under Kim's direction, and special care has been taken to ensure that the items are clear and accurate.

I have also prepared a book of readings to accompany this textbook entitled *Readings in Adolescence and Emerging Adulthood*. The sections in the book of readings parallel the chapters in the textbook so that the two books complement each other. My selections for the book of readings followed a concept similar to the textbook. Consequently, the readings incorporate studies from a variety of cultures, on emerging adulthood as well as adolescence, and draw from a variety of disciplines. Instructors may wish to use the book of readings to supplement the textbook, especially for upper-level undergraduate courses.

Acknowledgments

Preparing a first-edition textbook is an enormous enterprise that involves a wide network of people, and I have many people to thank for their contributions. Becky Pascal, my original editor at Addison-Wesley, recruited me to write the book, and it was her excitement over my new ideas for a textbook that, in part, persuaded me to take on the project. Jennifer Gilliland, who took over as editor when the book was transferred to Prentice Hall, has supported the book wholeheartedly and has repeatedly gone the extra mile to provide me with the resources I've requested in my efforts to make the book as good as I could possibly make it.

The review process for the book was long and exacting, and the reviewers were indispensable for the many comments and suggestions for improvement they provided. I'm very grateful for the time and care expended by these reviewers to give me detailed, well-informed reviews. In the first two rounds of reviews, the reviewers were:

Denise M. Arehart, University of Colorado-Denver; Belinda Blevins-Knabe, University of Arkansas-Little Rock; Curtis W. Branch, Columbia University; Gary Creasey, Illinois State University; Bonnie B. Dowdy, Dickinson College; Julia A. Graber, Columbia University; Virginia Gregg, North Adams State College; Daniel Houlihan, Minnesota State University; Sharon Page Howard, University of Arkansas-Little Rock; Karen G. Howe, The College of New York; Joline N. Jones, Worcester State College; Steven Kirsh, SUNY-Geneseo; Joseph G. Marrone, Siena College; Terry Maul, San Bernardino Valley College; Merryl Patterson, Austin Community College; Daniel Perkins, University of Florida; Daniel Repinski, SUNY-Geneseo; Merry Sleigh-Ritzer, George Mason University; Lisa Turner, University of South Alabama; Randy Vinzant, Hinds Community College; Niobe Way, New York University; Belinda Wholeben, Rockford College; Missi Wilkenfeld, Texas A & M University; and Joan Zook, SUNY-Geneseo.

Following the first two rounds of reviews, each chapter was reviewed by an outstanding scholar in the area covered by the chapter in order to provide the highest level of evaluation of the accuracy and currency of the material. These expert reviewers were:

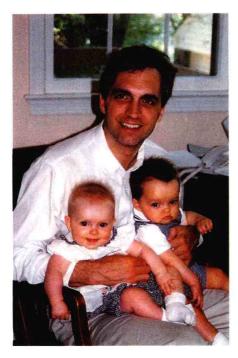
Chapter 1: Shirley Feldman, Stanford University; Chapter 2: Christy Buchanan, Wake Forest University; Chapter 3: Janis Jacobs, Pennsylvania State University; Chapter 4: Jim Youniss, Catholic University of America; Chapter 5: Nancy Galambos, University of Victoria; Chapter 6: Susan Harter, University of Denver; Chapter 7: Reed Larson, University of Illinois; Chapter 8: David Kinney, Central Michigan University; Chapter 9: Paul Florsheim, University of Utah; Chapter 10: Andrew Fuligni, New York University; Chapter 11: Jeylan Mortimer, University of Minnesota; Chapter 12: Jane Brown, University of North Carolina—Chapel Hill; and Chapter 13: Jennifer Maggs, University of Arizona.

Following the expert reviews, the book was reviewed by a copyeditor, Kathy Pruno, who provided additional helpful suggestions. The production editor for the book was Lisa Guidone, who was exemplary in her competence and professionalism. The photo researcher was Linda Sykes, who came up with many a marvelous photo, as you will see.

I also wish to thank my parents, Marjorie and Calvin Arnett, who were remarkably patient (I see that now) during my own adolescence and emerging adulthood. Thanks to my wife, Lene Jensen, a developmental psychologist at Catholic University of America, who was a sounding board for many of my ideas for the book and who provided numerous good ideas as well. Finally, thanks to our twin babies Miles and Paris, who provided inspiring squeals at key moments and who showed their enthusiasm for the project by trying to eat the page proofs. Many thanks, all of you.

Jeffrey Jensen Arnett Department of Human Development University of Maryland June 2000

About the Author



The author and his proofreading assistants, Paris (left) and Miles.

Jeffrey Jensen Arnett is a Visiting Associate Professor at the University of Maryland. He has also taught at the University of Virginia, Oglethorpe University, and the University of Missouri, and he has been a Visiting Scholar at the Center on Adolescence at Stanford University. He was educated at Michigan State University (undergraduate), the University of Virginia (graduate school), and the University of Chicago (postdoctoral studies). His research interests are in risk behavior in adolescence, media use in adolescence, and a wide range of topics in emerging adulthood. Currently, he serves on the Editorial Board of *Journal of Youth and Adolescence* and *Youth & Society*. He lives in University Park, Maryland, with his wife, Lene Jensen, and their infant twins, Paris and Miles.

Brief Contents

Prefe	xvii	
1	Introduction	2
2	Biological Foundations	30
3	Cognitive Foundations	62
4	Cultural Beliefs	96
5	Gender	128
6	The Self	158
7	Family Relationships	184
8	Friends and Peers	222
9	Dating, Love, and Sexuality	258
10	School	298
11	Work	332
12	Media	366
13	Problems	394
14	Adolescence and Emerging Adulthood in the 21st Century	428

Contents

Preface xvii

Introduction 2

Adolescence in Western Cultures: A Brief History 6

Adolescence in Ancient Times 6 • Adolescence From Early Christian Times Through the Middle Ages 7 • Adolescence From 1500 to 1890 7 • The Age of Adolescence, 1890–1920 8

Adolescence and Emerging Adulthood 13

The Transition to Adulthood 16

The Transition to Adulthood, American Style 17 • The Transition to Adulthood, Other Perspectives 17

The Scientific Study of Adolescence and Emerging Adulthood 18

Measures Used in Research 21 • Theories and Research 24

Themes of the Book 24

Cultural Contrasts 24 • Historical Contrasts 24 • Interdisciplinary Approach 25 • Gender Issues 25 • Globalization 25

Framework of the Book 27

Biological
Foundations 30

The Biological Revolution of Puberty 32

The Endocrine System 32 • Physical Growth During Puberty 35 • Primary Sex Characteristics 39 • Secondary Sex Characteristics 40 • The Order of Pubertal Events 41

Cultural, Social, and Psychological Responses to Puberty 45

Cultural Responses to Puberty:

Puberty Rituals 47 • Social and

Psychological Responses to Puberty 48

Biological Development and the Environment: The Theory of Genotype–Environment Interactions 57

Passive Genotype–Environment Interactions 57 • Evocative Genotype–Environment Interactions 58 • Active Genotype–Environment Interactions 58 • Genotype– Environment Interactions Over Time 58

Cognitive Foundations 62

Piaget's Theory of Cognitive Development 64

Stages of Cognitive Development in Childhood and Adolescence 65 • Formal Operations in Adolescence 66 • Abstract Thinking 67 • Complex Thinking 68 • Metacognition: Thinking About Thinking 69 • Limitations of Piaget's Theory 69

Cognitive Development in Emerging Adulthood: Postformal Thinking 73

Pragmatism 73 • Reflective Judgement 73

The Information-Processing Approach 74

Attention 77 • Processing
Information: Speed, Capacity, and
Automaticity 77 • Storing and
Retrieving Information: Short-Term
and Long-Term Memory 78 •
Limitations of the InformationProcessing Approach 79

Practical Cognition: Critical Thinking and Decision Making 80

The Development of Critical Thinking 80 • Can Adolescents Make Competent Decisions? 81

Social Cognition 83

Perspective Taking 83 • Implicit Personality Theories 84 • Adolescent Egocentrism 85

The Psychometric Approach: **Intelligence Testing** 87

The Stanford-Binet and Wechsler Intelligence Tests 87 • Intelligence Tests and Adolescent Development 90 • Other Conceptions of Intelligence 91

Culture and Cognitive Development 92

Cultural Beliefs 96 What Are Cultural Beliefs? 98

Cultural Beliefs and Socialization

Cultural Values: Individualism and Collectivism 101 • Broad and Narrow Socialization 102 • Sources of Socialization 103 • An Example of Socialization for Cultural Beliefs 105 • Socialization for Cultural Beliefs in the West 106

Cultural Beliefs and the Custom Complex 109

Cultural Beliefs in Multicultural Societies 110

When East Meets West: Chinese Adolescents in Australia and the United States 111

Religious Beliefs 112

Religious Beliefs and Cognitive Development 115

Cultural Beliefs and Moral Development 116

Piaget's Theory 117 • Kohlberg's Theory 117 • Critiques of Kohlberg

Political Beliefs 122

Political Ideas as Cultural Beliefs 124 • Political Socialization in Communist Countries 124

Adolescents and Gender in Traditional Cultures 130

From Girl to Woman 130 • From Boy to Man 134

Adolescents and Gender in American History 136

From Girl to Woman 136 • From Boy to Man 138

Socialization and Gender in the West 139

The Gender Intensification Hypothesis 139 • Cultural Beliefs About Gender 140 • Gender Socialization: Family, Peers, and School 141 • Media and Gender 142 • Gender Socialization as a Source of Problems 143 • Cognition and Gender 144 • Masculinity, Femininity, and Androgyny 145 • Gender Roles in American Minority Groups 149 • Gender Stereotypes in Emerging Adulthood 150 • The Persistence of Beliefs About Gender Differences 151

Gender and Globalization 154

The Self 158

Culture and the Self 160

Self-Conceptions 161

More Abstract 161 • More Complex 162

Self-Esteem 163

Self-Esteem From Preadolescence Through Adolescence 163 • Different Aspects of Self-Esteem 164 • Self-Esteem and Physical Appearance 166 • Influences on Self-Esteem 167

The Emotional Self 168

Gender and the Emotional Self: Do Adolescent Girls Lose Their "Voice"? 169

Identity 170

Erikson's Theory 170 • Research on Identity 173 • Gender and Identity 175 • Culture and Identity 176 • Identity Development Among Ethnic Minorities 176

The Self, Alone 178

Family Relationships 184

The Adolescent in the Family System 186

Parents' Development During Midlife 189 • Sibling Relationships 190 • Extended Family Relationships 192

Parenting Styles 193

An American Parenting Style? 194 • The Effects of Parenting Styles on Adolescents 195 • A More Complex Picture of Parenting Effects 196 • Parenting in Other Cultures 197

Attachments to Parents 200

Emerging Adults' Relationships With Parents 202

Parent-Adolescent Conflict 203

Sources of Conflict With Parents 205 • Culture and Conflict With Parents 206

Historical Change and the Family 207

Patterns Over Two Centuries 207 • The Past 50 Years 209

Effects of Divorce, Remarriage, Single Parenthood, and Dual-Earner Families 212

Divorce 212 • Remarriage 214 • Single Parenthood 215 • Dual-Earner Families 216

Physical and Sexual Abuse in the Family 217

Physical Abuse 217 • Sexual Abuse 217 • Running Away From Home 218

Friends and Peers 222 Peers and Friends 224

Family and Friends 225

Emotional States With Friends: Higher Highs, Lower Lows 227 • Family and Friends in Traditional Cultures 228

Developmental Changes in Friendships 228

Intimacy in Adolescent Friendships 228 • Intimacy and Adolescent Development 230 • Other Developmental Changes in Adolescent Friendships 231

Choosing Friends 231

Educational Orientation 231 • Media and Leisure Preferences 232 • Risk Behavior 232 • Ethnicity 232

Friends' Influence and Peer Pressure 234

Friends' Influence: Risk Behavior 234 • Friends' Influence: Support and Nurturance 236

Friends and Leisure Activities in Emerging Adulthood 237

Cliques and Crowds 238

Sarcasm and Ridicule in Cliques 238 • Crowds 239 • Changes in Clique and Crowd Composition During Adolescence and Emerging Adulthood 243

Popularity and Unpopularity 244

The Importance of Social Skills 245 • Social Skills and Social Cognition 246 • The Continuity of Popularity and Unpopularity 247 • Interventions for Unpopularity 247

Youth Culture 248

A New Youth Subculture: Raves 253 • Technological Change and the Power of Youth Culture 254

Dating, Love, and Sexuality 258

Dating 260

Developmental Patterns in Adolescent Dating 262

Love 265

Sternberg's Theory of Love 265 • Adolescent Passion in Non-Western Cultures 267 • Falling in Love 267 • When Love Goes Bad: Breaking Up, Sexual Harassment, and Date Rape 269 • Choosing a Marriage Partner 271 • Cohabitation 274

Sexuality 274

Rates of Adolescent Sexual Activity 274 • Cultural Beliefs and Adolescent Sexuality 278 • Gender and the Meanings of Sex 281 • Characteristics of Sexually Active Adolescents 283 • Homosexuality 284 • Contraceptive Use and Nonuse 286 • Pregnancy, Abortion, and Parenthood in Adolescence 289 • Sexually Transmitted Diseases 292 • Sex Education 294

School 298

The Rise of Schooling for Adolescents 301

Changes in Schooling for Adolescents 302 • Secondary Education Around the World 305

The Current State of Educational Achievement Among American Adolescents: Good News and Not So Good 307

Academic Performance in Recent Decades 307 • International Comparisons 308

What Works? The Characteristics of Effective Schools 308

The Size Issue: Schools and Classes

311 • Junior High, Middle School, or Neither? 311 • Improving the School Experience of Adolescents 312 • School Climate 313

Achievement in High School: Beyond the Classroom 314

Family Environments and School 315 • Peers, Friends, and School 317 • Work, Leisure, and School 318 • Cultural Beliefs and School 319

Academic Achievement in High School: Individual Differences 319

Ethnic Differences 319 • Gender Differences 323 • Extremes of Achievement 324

Education in Emerging Adulthood: College and University 327

Characteristics of College Students 328 • Educational Success in College 329 • Students' Learning Experiences 329

Work 332

Adolescent Work in Traditional Cultures 334

Hunting, Fishing, and Gathering 334 • Farming and Care of Domestic Animals 335 • Child Care and Household Work 335 • Globalization and Adolescent Work in Traditional Cultures 336

The History of Adolescent Work in the West 338

Adolescent Work Before 1900 338 • Adolescent Work in the 20th Century 340

The Adolescent Workplace: "Like Some Fries With That?" 341

Work and Adolescent Development 342

Work and Psychological Functioning 342 • Work and Problem Behavior 343 • The Case in Favor of Adolescent Work 345

From School and Part-Time Work to a "Real Job" 346

The Post-High-School Transition to Work 346 • The "Forgotten Half," Ten Years Later 348 • Apprenticeships in Western Europe 349

From College to Work: Is College Worth It? 351

Occupational Choice 353

The Development of Occupational Goals 353 • Influences on Occupational Goals 355 • Unemployment 358

Volunteer Work—Community Service 360

Community Service and Adolescent Development 360 • Community Service in Emerging Adulthood: The Peace Corps and AmeriCorps 361

17 Media 366

Media and Young People's Development 368

The Uses and Gratifications Approach 369

Five Uses 370

Entertainment 370 • Identity Formation 370 • High Sensation 372 Coping 373 • Youth Culture Identification 373

Media and Adolescent Socialization 374

Media and Other Sources of Socialization *375*

Controversial Media 376

Television and Aggressiveness 377 • Computer Games and Aggressiveness 378 • Television and Movies and Sex 379 • Sex and Violence on Music Television 381 • Controversial Music: Rap and Heavy Metal 382 • Controversial Advertising: Joe Camel and Friends 386

Cultural Differences in Media Use 388 Media and Globalization 388

13 Problems 394

Two Broad Types of Problems 396

Externalizing Problems 397

Problem Behavior Theory 397 • Risky Automobile Driving 398 • Substance Use 400 • Delinquency and Crime 404 • Factors Involved in Risk Behavior 410

Internalizing Problems 417

Depression 417 • Eating Disorders 421

Adolescence and Emerging Adulthood in the 21st Century 428

Sub-Saharan Africa 430

North Africa and the Middle East 431

India 432

Asia 433

Latin America 434

The West 435

Common Issues 437

The Future of Globalization 437 • Equality of Wealth and Opportunity 438 • The Urban–Rural Split 438

Glossary 441

References 451

Credits 493

Name Index 497

Subject Index 507

Special Focus Boxes



CULTURAL FOCUS

19	Interethnic Friendships Among British	
49	Girls	233
71		278
99		
		309
132	, 11	350
179	"Teenagers" in Kathmandu, Nepal	390
198	The Young Males of Truk Island	407
	49 71 99 132 179	Girls Young People's Sexuality in the Netherlands Japanese High Schools and Colleges Germany's Apprenticeship Program "Teenagers" in Kathmandu, Nepal



HISTORICAL FOCUS

The "Storm and Stress" Debate	12	The "Roaring Twenties" and the Rise	
Menarche as a Taboo Topic	51	of Youth Culture	249
Gender and Cognitive Development		The Birth of Dating	261
in Emerging Adulthood	75	Higher Education and Cultural Beliefs	303
The Origin of the Boy Scouts		Work Among British Adolescents	
and Girl Scouts	107	in the 19th Century	339
The Women's Movement of the 1960s	148	Elvis the Pelvis	382
Young Man Luther	171	From Fasting Saints to Anorexic Girls	423
Adolescents' Family Lives in the			
Great Depression	209		



RESEARCH FOCUS

Don't Call Them "Kids"		Participant Observation of	
Tanner's Longitudinal Research		Adolescent Crowds	241
on Pubertal Development	43	A New Approach to Studying	
The Wechsler IQ Tests	87	Adolescent Sex	276
Religious Practices and Social Desirability	114	The Mother of All Research Projects	316
Meta-Analyses of Gender Differences	152	A Longitudinal Study	
Harter's Self-Perception Profile for		of Adolescents and Work	344
Adolescents	165	Media Use in Adolescents' Bedroom	371
The Daily Rhythms of Adolescents'		The Gluecks' Longitudinal Study	
Family Lives	187	of Delinquency	413

Adolescence and Emerging Adulthood