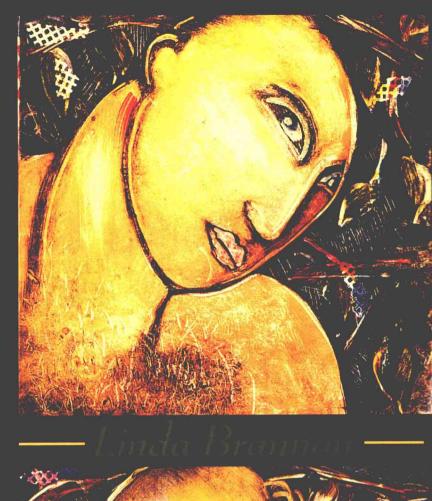
Psychological Perspectives





Gender

Psychological Perspectives

Linda Brannon

McNeese State University

Executive Editor: Carolyn Merrill Editorial Assistant: Lara Zeises

Senior Marketing Manager: Caroline Croley

Editorial-Production Service: Omegatype Typography, Inc.

Manufacturing Buyer: Joanne Sweeney Cover Administrator: Linda Knowles

Electronic Composition: Omegatype Typography, Inc.



Copyright © 2002, 1999, 1996 by Allyn & Bacon A Pearson Education Company 75 Arlington Street Boston, MA 02116

Internet: www.ablongman.com

All rights reserved. No part of the material protected by this copyright notice may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, recording, or by any information storage and retrieval system, without written permission from the copyright owner.

Between the time Website information is gathered and published, some sites may have closed. Also, the transcription of URLs can result in typographical errors. The publisher would appreciate notification where these occur so that they may be corrected in subsequent editions.

Many of the designations used by manufacturers and sellers to distinguish their products are claimed as trademarks. Where those designations appear in this book, and Allyn and Bacon was aware of a trademark claim, the designations have been printed in initial or all caps.

Library of Congress Cataloging-in-Publication Data

Brannon, Linda

Gender: psychological perspectives / Linda Brannon.—3rd ed.

p. cm.

Includes bibliographical references and index.

ISBN 0-205-32750-8 (alk. paper)

1. Sex differences (Psychology) 2. Gender identity. 3. Sex role. 4. Feminist pyschology. 5. Women—Psychology. I. Title.

BF692.2 .B73 2002 155.3—dc21

2001022424

Printed in the United States of America
10 9 8 7 6 5 4 3 2 1 06 05 04 03 02 01

Preface

This book examines the topic of gender—the behaviors and attitudes that relate to (but are not entirely congruent with) biological sex. A large and growing body of research on sex, gender, and gender-related behaviors has come from psychology, sociology, biochemistry, neurology, and anthropology. This research and scholarship form the basis for this book, providing the material for a critical review and an attempt to generate an overall picture of gender from a psychological perspective.

The Topic of Gender

A critical review of gender research is important for several reasons. First, gender is currently a hot topic, and almost everyone has an opinion. These opinions are not usually based on research. Most people are not familiar with research findings; they simply know their own opinions. People's opinions are strongly influenced by their own experience and also by what they have seen in the movies, on television, and in other media. Whether these programs are news reports or fiction, both types of presentations make an impact. Based on these portrayals, people create images about how they believe women and men should be, and they attempt to re-create these images in themselves. In *Gender: Psychological Perspectives*, I present what gender researchers have found, although the picture is neither simple nor complete. Research findings are complex and sometimes contradictory, but I believe that it is important to understand this research rather than draw conclusions based only on personal opinions and popular media portrayals.

Second, research is a valuable way to understand gender, despite the bias and controversy that have surrounded the research process. Although scientific research is supposed to be objective and free of personal bias, this idealistic notion often varies from the actual research process. Gender research in particular has been plagued with personal bias. Despite the bias that can enter into the research process, I believe that research is the most productive way to approach the evaluation of a topic. Others disagree with this view, including some who are interested in gender-related topics. A number of scholars, especially feminist scholars, have rejected scientific research as the best way to learn about gender.

Although I agree that science has not treated women equitably, either as researchers or as participants in research, I still believe that science offers the best chance for a fuller understanding of gender (as well as of many other topics). Some scholars disagree with this view, but I want to make my point of view clear. My proscience orientation is the reason I have chosen to concentrate on research throughout the book—to examine what gender researchers have found and how they have interpreted their findings.

In this book the emphasis on gender is similar to another approach to studying gender—examining the psychology of women. The psychology-of-women approach concentrates on women and issues unique to women, whereas the gender approach focuses on the issue of gender as a factor in behavior and in the social context in which behavior occurs. Gender research and theory draw heavily from research on the psychology of women, but the emphasis differs.

By emphasizing women and their experience, the psychology-of-women approach often excludes men, but gender research cannot. Studying both women and men is essential to an understanding of gender. Researchers who are interested in gender issues may concentrate on women or men, but they must consider both, or their research reveals nothing about gender. Therefore, this third edition of *Gender: Psychological Perspectives* examines the research and theory from psychology and related fields in order to evaluate the behavior, biology, and social context in which both women *and* men function.

The gender approach also reflects my personal preferences: I want a psychology of women and men. When I was completing the first edition of this book, I attended a conference session on creating a course in psychology of women. Several instructors who had created such courses led a discussion group about obtaining institutional approval and the problems they had encountered, including resistance from administrators (who were mostly men) concerning a course in which the enrollment would be mostly women. One of the group advised trying for approval of a course on gender if obtaining approval for a psychology-of-women course was not successful. The implication was that the topic of gender included men and would be more acceptable but less desirable. I disagreed. I wanted men to be included—in the research, in my book, and in my classes. This desire comes from the belief that women and men are required in order to consider and discuss gender issues. I prefer the gender approach, and I wanted this book to reflect that attitude.

My interest in gender comes from two sources—my research and my experience as a female psychologist. The research that prompted me to examine gender issues more carefully was on risk perception related to health problems. I was interested in investigating people's perceptions of the health risks they created as a result of their behavior, such as the perceptions of health risks in smokers versus nonsmokers. In this research, I found that women and men saw their behaviors and risks in similar ways, even when the actual level of health risks did differ for men and women. My research showed gender similarities rather than gender differences.

In examining the volume of research on gender-related attitudes and behaviors, I discovered that many other researchers' findings were similar to mine. Among psychologists, exploration of gender seemed to show more similarities than differences, and when differences appeared, many were small. I came to doubt the widespread belief that men and women are opposites, and to consider that this view is, at the very least, overstated—women and men are more similar than different. Gender-related differences exist, but the tendency to concentrate on these differences has obscured the similarities.

As a female psychologist, I was forced to attend to gender issues from the outset of my career. Sexism and discrimination were part of the context in which I received my professional training and in which I have pursued my career as a psychologist. Women were a small minority in the field during my early years in psychology, but the numbers have since increased, so that now women receive over half the doctoral degrees granted each year in psychology. This increase and several antidiscrimination laws have produced some improvements in equitable treatment for women in psychology (as well as in other professions and in society in general).

The psychology-of-women approach came from women working in the field of psychology during the feminist movement that began during the 1960s. Those female psychologists wanted to make psychology more hospitable to women, so they created a field of study devoted to women. Although most of the women working in psychology have not been directly involved in the study of the psychology of women and some are not feminists, the presence of a growing proportion of women has made psychology more inclusive. This spirit of inclusiveness spread to issues of culture and sexual orientation, and made psychology of gender not only possible but, I think, inevitable.

Gendered Voices

Although I believe that research is a good way to understand behavior, including gender-related behavior, this point is controversial. On one side of this controversy are some feminist scholars who believe that traditional science is not the best way to approach the study of women—or perhaps anything—and these scholars have proposed a set of alternative methods.

Rather than collecting quantitative data consisting of numbers, some researchers prefer data consisting of interviews and personal accounts. The latter approach has advantages and disadvantages (discussed more fully in Chapter 2), but Louise Kidder (1994) contends that one of the drawbacks is the vividness of the data generated by accounts of personal experience. Statistical compilations may be more representative, but people are more impressed by personal accounts. Qualitative methods of studying people do not lead to a comfortable blurring of the results. Rather, each person's account is sharply depicted, with no averaging to blunt the edges of the story.

The text of *Gender: Psychological Perspectives* consists of an evaluation of quantitative research findings—exactly the sort of information that people may find difficult to relate to their lives. I decided that I also wanted to include some personal, narrative accounts of gender-relevant aspects of people's lives, and I wanted these accounts to connect to the research studies. The perils of vividness seem small compared to the advantages. I believe that people's personal experiences are distilled in statistical research, but I also know that a lot of the interesting details are lost in the process.

These "Gendered Voices" narratives restore some of the details lost in statistical summaries, allowing men and women to tell about their personal experiences. Telling these stories, separated from the text, was an alternative approach to presenting information about gender and highlighting the relevance of research findings with vivid detail. Some of the stories are funny, showing a lighthearted approach to dealing with the frustrations and annoyances of discrimination and gender bias. Some of the stories are sad, revealing experiences of sexual harassment, violence, and abuse. All of the stories are real accounts, not

fictional tales constructed as good examples. When the stories are based on published sources, I name the people who are presenting their experience. For other stories, I have chosen not to name those involved, to protect their privacy. I listened to my friends and students talk about gender issues and wrote down what they told me, trying to report what they said in their own words. I hope that these stories give a different perspective and add a sense of the reality of gender in personal experience to the volume of research reported here.

Headlines

Long before I thought of writing a book about gender, I noticed the popularity of the topic in the media. Not only are the sexes the topic of many private and public debates, but gender differences are also the topic of many newspaper, magazine, and television stories, ranging from sitcoms to scientific reporting. I had read warnings about the tendency in the media to oversimplify research findings and to slant reports to give an incorrect impression about research. I wanted to examine the research on gender to try to understand what the research says, with all of its complexities, and to present the media version along with an analysis of the research findings.

Of particular concern to me was the tendency of the media and of people who hear reports of gender research to want to find a biological basis for the behavioral differences between the sexes, as though evidence of biologically based differences would be more "real" than any other type of evidence. The division of the biological realm from the behavioral realm is a false dichotomy. Even genes can be altered by environment, and experiences can produce changes in behavior as permanent as any produced by physiology. The view that biological differences are real and permanent, whereas experience and culture produce only transient and changeable effects, is a popular myth.

Unlike some other books about gender, this book spends several chapters examining this biological evidence. As Naomi Weisstein (1982) said, "biology has always been used as a curse against women" (p. 41). I want to present and evaluate this research because it is the basis of popular assumptions and media reports about differences between the sexes, and also because people accept these findings without question. I want readers to question the extent to which the biological "curse" should apply.

To further highlight the popular conceptualizations of gender, I decided to use headlines from newspapers and popular magazines as a way to show how gender is presented by the media. Some of the headline stories are examples of responsible journalism that seeks to present research in a way that is easy to understand, whereas other headline stories are more sensational or simplified.

My misgivings about the media were dramatically confirmed by a personal experience. As I was beginning to write about chromosomes, hormones, and sex differences in the brain that relate to mental abilities, a student approached me, wanting to interview me for the student newspaper. She was taking a journalism class in which she had to write a story about the differences between men's and women's brains, so a friend had recommended me as a good interview source. I explained to her that the relationship between brain structures and behavior was complex and difficult to establish, and most of the research was based on rat brains rather than human brains, so making generalizations was tricky. She said she wanted some statistics about differences, and she knew such statistics existed. When I explained that statistics on the frequency of occupations or performance differences between men and

women do not necessarily reveal brain differences, she said she was not interested in knowing the truth—she just wanted information for her story!

A journalism student's disregard for the truth does not condemn all journalists; however, the media does sometimes give in to the urge to portray findings in sensational ways because such stories get attention. Such sensationalism distorts research findings and perpetuates stereotypical thinking about the sexes. I believe that Beryl Lieff Benderly (1989), a science reporter, was correct when she warned about media sensationalism of gender research by writing the headline, "Don't believe everything you read..." (p. 67).

According to the Media/According to the Research

In addition to gender in the headlines, I have included a boxed feature called "According to the Media/According to the Research" that concentrates on gender portrayals in the mainstream media. "According to the Media" boxes examine how gender is portrayed in the various media—magazines, television, movies, video games, cartoons, and fiction. "According to the Research" boxes provide research findings related to the media topics, offering a more systematic and unbiased view. The contrast of these two presentations provides an opportunity to examine gender bias and stereotyping in the media. I hope this feature leads students to question the accuracy and fairness of the thousands of gendered images that they experience through the media.

Considering Diversity

The history of psychology is not filled with a concern for diversity or an emphasis on diversity issues, but these topics represent an area of increasing interest and concern within psychology. Indeed, gender research is one of the major fields that represents the growing diversity in psychology. In addition, cross-cultural research has begun to provide a more comprehensive picture of psychological issues in the context of different ethnic groups within the United States as well as comparisons to other countries.

To highlight this developing research and tie it to gender issues, this edition of *Gender: Psychological Perspectives* includes a section in each chapter called "Considering Diversity" that discusses diversity research. Although diversity issues enter the text at other points in the book, the creation of a section to examine diversity ensures that these important issues are considered. In some chapters, the research is sufficiently developed to present a cross-cultural review of the topic. For other topics, cross-cultural research remains sparse, so those diversity sections present a specialized topic that relates to the chapter.

Acknowledgments

At the completion of any book, authors have many people to thank, and I am no exception. Without the assistance, support, and encouragement of many people, I never could have written this book or completed the third edition. I thank all of them, but several people deserve special mention. My colleagues in the psychology department at McNeese State University were supportive and helpful. Jess Feist, my coauthor on the fourth edition of *Health Psychology: An Introduction to Behavior and Health*, provided advice and improved my

writing of this book. Patrick Moreno not only acted as librarian to help me obtain material but also surfed the Net on my behalf. Their assistance was very important in completing this edition.

In addition to Patrick Moreno, many other people helped me obtain the materials I needed to complete this revision. The staff at McNeese's Frasier Memorial Library were knowledgeable and supportive in helping me locate information. I would like to thank the entire staff, but especially Adrienne Detwiler, Leslye Quinn, Anne Frohlich, Jan McFarlain, Barbara Royer, Kenneth Awagain, Brantley Cagle, and Jeannie Brock. Their patience and skill continue to astound me.

I would like to thank all the people who told me their personal stories for the "Gendered Voices" feature of the book. To respect their privacy I will not name them, with one exception: Melinda Schaefer deserves special thanks because her story was so good that hearing it made me realize that others had stories to tell. Without her story, I would not have realized how important these accounts are.

Husbands often deserve special thanks, and mine is no exception. My husband, Barry Humphus, did a great deal to hold my life together while I was researching and writing—he kept the computer working and offered me his praise, support, and enthusiasm. I would not have attempted (much less completed) this book without him.

The people at Allyn and Bacon have been helpful and supportive. My editor for the first edition, Susan Badger, deserves special thanks; without her I would not have thought of writing a book on gender. Carolyn Merrill, my current editor, has offered her continued support and assistance.

I would also like to thank reviewers who read parts of the manuscript and offered help-ful suggestions, including Luciane A. Berg, Southern Utah University; Christina Byrne, Western Washington University; Linda Heath, Loyola University—Chicago; Marcela Raffaelli, University of Nebraska; and Stephanie Riger, University of Illinois at Chicago.

Contents

PREFACE xi

1

2

THE STUDY OF GENDER 1	
HEADLINE: "The New Gender Wars," Psychology Today,	
November/December, 2000 1	
History of the Study of Sex Differences in Psychology 3	
The Study of Individual Differences 4	
Psychoanalysis 5	
The Development of Women's Studies 6	
The Appearance of the Men's Movement 8	
Sex or Gender? 12	
Should Psychologists Study Gender? 13	
Gender in the Media 14	
Media Bias in Portraying Women and Men 14	
Gender in the Headlines 16	
Considering Diversity 17	
Summary 18	
Glossary 18	
Suggested Readings 19	
RESEARCHING SEX AND GENDER 20	
HEADLINE: "The Science Wars," Newsweek, April 21, 1997	20
How Science Developed 21	
Methods and What They Reveal 22	
Descriptive Methods 23	
Experimental Designs 26	
Ex Post Facto Studies 28	

3

4

Qualitative Research 30
Gender Bias in Research 33
Sources of Bias 33
Ways to Deal with Bias in Science 37
Considering Diversity 42
Summary 43
Glossary 44
Suggested Readings 44
300 00 00000 0000 000 000
HORMONES AND CHROMOSOMES 46
HEADLINES: "Testosterone Rules: It Takes More Than Just a
Hormone to Make a Fellow's Trigger Finger Itch,"
Discover, March, 1997 46
"PMS: Is It for Real?" Cosmopolitan, April, 1995 46
The Endocrine System and Steroid Hormones 47
Stages of Differences between the Sexes 49
Sexual Differentiation 49
Development of Male and Female Physiology 50
Changes during Puberty 56
When Things Go Wrong 59
Hormones and Behavior Instability 63
Premenstrual Syndrome 63
Testosterone and Aggression 67
Considering Diversity 72
Summary 73
Glossary 75
Suggested Readings 76
INTELLIGENCE AND MENTAL ABILITIES 77
HEADLINE: "The Great Debate: Gender Differences,"
Current Health 2, December, 1995 77
Mental Abilities 78
Verbal Performance 79
Mathematical and Quantitative Performance 82
Spatial Performance 86
Other Mental Abilities 89
Source of the Differences 94
Biological Evidence for Gender Differences in Mental Abilities 94
Evidence for Other Sources of Gender Differences 95
Implications of Gender-Related Differences 97
Considering Diversity 99
Summary 100
Glossary 101
Suggested Readings 101

5	GENDER DEVELOPMENT: THE PSYCHOANALYTIC APPROACH 102
	HEADLINE: "The War against Boys," Atlantic Monthly,
	May, 2000 102
	The Psychoanalytic Approach to Personality 103
	Freud's Theory of Personality 103
	Horney's Theory of Personality 108
	Women, Men, and Psychoanalytic Theory 111
	Feminist Standpoint Theory: A Different Voice 118
	Gilligan's Theory of Moral Development 118
	The Maximalist Approach and Its Implications 120
	Considering Diversity 122
	Summary 123
	Glossary 124
	Suggested Readings 125
6	GENDER DEVELOPMENT: SOCIAL THEORIES 126
U	
	HEADLINE: "Singing the Pink Blues," Mothers Who Think,
	www.salon.com, December 13, 1999 126
	Social Learning Theory 127
	Cognitive Developmental Theory 132
	Gender Schema Theory 135
	Gender Script Theory 137
	Developing Gender Identity 140
	Childhood 140
	Adolescence and Adulthood 143
	Which Theory Best Explains the Data? 146
	Considering Diversity 147
	Summary 149
	Glossary 150
	Suggested Readings 150
7	GENDER STEREOTYPES: MASCULINITY
	AND FEMININITY 152
	HEADLINE: "The Stereotype Trap," Newsweek,
	November 6, 2000 152
	From Gender Roles to Gender Stereotypes 153
	Stereotypes of Women and Men 153
	Development of Stereotypes 157
	Function of Stereotyping 159
	Perceptions of Women and Men 162
	Masculinity, Femininity, and Androgyny 167
	Considering Diversity 172

Summary 174 Glossarv 175

Suggested Readings 175

8 **EMOTION** 177

HEADLINE: "Big Fat Lies about Men," Mademoiselle, August, 1996 177 Physiological, Cognitive, and Behavioral Aspects of Emotion Gender and the Experience of Emotion 179

The Myth of Maternal Instinct

The Prominence of Male Aggression 187

200

Expressivity and Emotion 199 **Considering Diversity**

Summary 202 Glossary 203

Suggested Readings 203

9 RELATIONSHIPS 204

HEADLINE: "The Science of a Good Marriage," Newsweek, April 19, 1999 204

Friendships 205

> Development of Styles 206

Friendships over the Lifespan 208

Flexibility of Styles

Love Relationships 212

Dating 213

Marriage and Committed Relationships 216

Dissolving Relationships 230

Considering Diversity 233

Summary 235 Glossary 236

Suggested Readings 236

10 SEXUALITY 238

HEADLINE: "The Sex Drive," Men's Health, October, 1999 238

The Study of Sexuality 239

> Sex Surveys 240

Masters and Johnson's Approach 246

Childhood Sexuality: Exploration and Abuse 251

Heterosexuality 256

> **During Adolescence** 257

260 **During Adulthood** Homosexuality **During Adolescence** 267 **During Adulthood** 270 **Bisexuality** 272 273 **Considering Diversity Summary** 274 Glossary 276 Suggested Readings 276

11 SCHOOL 278

HEADLINE: "Science for Girls Only," Newsweek, June 21, 1999 278

The School Experience 279

Early Schooling 280

Changes during Junior High 282

High School 284

College and Professional School 289

Achievement 295

Achievement Motivation 295

Fear of Success 295

Self-Esteem and Self-Confidence 297

Attributions for Success and Failure 299

Considering Diversity 300

Summary 302

Glossary 303

Suggested Readings 303

12 CAREERS AND WORK 304

HEADLINE: "The Global Glass Ceiling," Fortune, October 12, 1998 304

Careers 305

Career Expectations and Gender Role Socialization 306

Career Opportunities 308

Gender Issues at Work 319

Gender Segregation on the Job 319

Gender, Communication, and Power in the Workplace 321

Sexual Harassment at Work 323

Considering Diversity 328

Summary 331

Glossary 332

Suggested Readings 332

13 HEALTH AND FITNESS 333

HEADLINE: "Is the Longer Life the Healthier One?"

New York Times, June 22, 1997 333 Mortality: No Equal Opportunity 334

Cardiovascular Disease 334

Cancer 337

L' 1 D

Violent Deaths 340

The Health Care System 342

Gender Roles and Health Care 342

Reproductive Health 347

Gender, Lifestyle, and Health 351

Eating 351

Exercise and Fitness 357

Considering Diversity 360

Summary 363 Glossary 364

Suggested Readings 364

14 STRESS, COPING, AND PSYCHOPATHOLOGY 365

HEADLINE: "Who Has the Most Stress?" Ladies Home Journal,

March, 2000 365

Stress and Coping 366

Sources of Stress for Men and Women 366

Coping Resources and Strategies 371

Diagnoses of Mental Disorders 374

The DSM Classification System 375

Gender Inequity in the Diagnosis of Mental Disorders 377

Gender Comparisons in Psychopathology 382

Depression 382

Substance-Related Disorders 386

Anxiety Disorders 388

Other Disorders 390

Considering Diversity 393

Summary 394

Glossary 395

Suggested Readings 396

15 TREATMENT FOR MENTAL DISORDERS 397

HEADLINE: "When Planets Collide," Psychology Today,

May/June, 1997 397

Approaches to Therapy 398

Psychoanalysis 398

Humanistic Therapies 399 Cognitive Therapy 400 402 **Behavior Modification** 403 Medical Therapies Accusations of Gender Bias in Therapy 405 **Gender Issues in Therapy** 407 Feminist Therapy Therapy with Men 411 413 Gender Aware Therapy **Sexual Exploitation in Therapy** 414 The Self-Help Movement 417 419 Online Support Groups Gender Issues in Self-Help 420 **Considering Diversity** Summary 423 424 Glossary Suggested Readings 424 16 HOW DIFFERENT? 425 **HEADLINE:** "A Peace Plan for the Gender Wars," Psychology Today, March/April, 1996 425 Multiple Roles Have Become the Rule 426 What Do Women Want? What Do Men Want? 428 429 Have Women Become More Like Men? Why Can't a Man Be More Like a Woman? 432

Where Are the Differences? 435

> Differences in Ability 436 Differences in Choices 437

Summary 440

Suggested Readings 441

REFERENCES 442

NAME INDEX 483

SUBJECT INDEX 493

The Study of Gender

HEADLINE

The New Gender Wars

Psychology Today, November/December, 2000

The latest skirmish in the war between the sexes has flared up between psychologists studying the origins of gender differences. Research has shown that despite feminist advancements, gender differences persist. The question no longer is whether there are differences between the sexes but what to make of them.

On one side are those who claim that it is evolution and biology that make us significantly different, and that no amount of feminist agitation will change that. Men will continue to be philandering, non-nurturing and sex-focused, and women will continue to be mothering keepers-of-the-hearth. On the other side are those who claim there's a lot more variation to our gender roles. Society, they say, and not our genes, determines how we react to our biological course. Change, this latter group says, is possible and evident.

How willingly does our biology respond to our environment? And even if biology plays a role, how much of the male–female split is nonetheless reinforced by the culture we live in?...Where do these differences come from and where might they go? (Blustain, 2000, p. 43)

Sarah Blustain's (2000) article presented the two sides of one current version of the "battle between the sexes." This conflict lies within psychology, and, as the title of Blustain's article suggests, this "war" is a new one, only dating back to the mid 1990s. At that time evolutionary psychology began to capture headlines proclaiming that differences between men's and women's behavior can be traced to evolutionary history, and recent changes in society will make little difference in women's and men's behavior.

Evolutionary psychology holds the **essentialist view** that biology is the basis for differences between the sexes. According to most people's views of the relationship between biology and behavior, biological differences determine behavior. Therefore, if the