

Human Sexuality

Diversity in Contemporary America

and the same of the first of the same of t

BRYAN STRONG University of California, Santa Cruz

CHRISTINE DEVAULT
Cabrillo College

BARBARA WERNER SAYAD California State University, Monterey Bay



Mayfield Publishing Company Mountain View, California London • Toronto

Copyright © 1999 by Mayfield Publishing Company

All rights reserved. No portion of this book may be reproduced in any form or by any means without written permission of the publisher.

Library of Congress Cataloging-in-Publication Data

Strong, Bryan.

Human sexuality: diversity in contemporary America / Bryan Strong, Christine DeVault, Barbara Werner Sayad. —3rd. ed.

p. cm.

Includes bibliographical references and index.

ISBN 0-7674-0045-3

1. Sex. 2. Sex customs. 3. Hygiene, Sexual. I. DeVault,

Christine. II. Sayad, Barbara Werner. III. Title.

HQ21.S8126 1998

306.7—dc21

93-38846

CIP

Manufactured in the United States of America 10 9 8 7 6 5 4 3

Mayfield Publishing Company 1280 Villa Street Mountain View, CA 94041

Sponsoring editor, Franklin Graham; production editor, Melissa Kreischer; developmental editors, Kate Engelberg and Megan Rundel; manuscript editor, Beverley J. DeWitt; art director, Jeanne M. Schreiber; design manager and cover designer, Susan Breitbard; text designer, Anne Flanagan; cover art, © Diane Fenster; art manager, Robin Mouat; illustrators, John & Judy Waller; photo researcher, Brian Pecko; manufacturing manager, Randy Hurst. The text was set in 9.5/12 Palatino by GTS Graphics, Inc., and printed on acid-free 45# Chromatone LG by Banta Book Group.

Photo, illustration, and text credits appear immediately following the bibliography on page C-1, which constitutes an extension of the copyright page.

To my children—Gabe, Will, and Maria. I'm proud of the loving young adults you've become.

—C.D.

To my family—my husband, Bob, and my children, Sarah, Elizabeth, and Sam—whose love is a never-ending source of joy and inspiration.

—В.W.S.

Preface

E WROTE THIS textbook to make the study and teaching of human sexuality a meaningful and rewarding experience for both students and instructors. We present the study of human sexuality in such a manner as to enlarge both the student's personal and intellectual understanding. A personal approach does not exclude scholarship; nor does scholarship exclude personal understanding. Instead, scholarship allows the student to see beyond his or her own experience; and personal exploration breathes life into academic research.

The primary goal of this textbook is to integrate the personal and intellectual foundations of human sexuality. This goal led us to ask two fundamental questions. First, if we were college students, what would we want and need to know and understand about human sexuality? Second, what do we, as instructors and researchers, believe is important for an educated person to know about human sexuality? With these questions in mind, we formulated the structure and direction of this textbook. There are six important aspects to this textbook, described below.

Popular Culture As we thought about the context in which students would read this textbook, we were struck by how powerful popular culture is in shaping attitudes, beliefs, and ideas about sexuality. In contemporary America, Dr. Ruth, Abigail van Buren, Oprah, Dr. Drew, and Demi Moore, Leonardo DiCaprio, Antonio Banderas, RuPaul, and Madonna, are among the most significant sources of sexual information, ideas, stereotypes, and values. It is important that students think about the depictions of sexuality in popular culture and critically evaluate their impact on our lives. Just as any research finding on human sexuality is subject to critical thought, so too is every image given to us by our popular culture.

Ethnic Diversity As we looked at the demographic composition of our classes, colleges, and universities, we were struck by their increasing ethnic diversity. This diversity reflects the diversity of our nation, in which over 20% of Americans are from African American, Latino, Asian American, Native American, or other ethnic descent. To reflect this diversity, we have integrated scholarship on ethnicity and sexuality as much as possible. This scholarship, however, is limited, and much of it is problem oriented. But we believe it is important in our ethnically diverse society to expand the study of human sexuality to include all distinct ethnic groups.

Integration of Gay/Lesbian/Bisexual Research As we considered the subject of sexual orientation, we decided that it is important to integrate

gay/lesbian/bisexual research into the text rather than segregate these issues into a separate chapter. There are no compelling intellectual reasons to segregate research on gay, lesbian, and bisexual men and women from general discussions per se of communication, love, cohabitation, sexual expression, and so on. Such segregation implies differences where none may exist. It distorts our common humanity and relegates gay men, lesbians, and bisexuals to a "special" category. Such segregation, we believe, unintentionally encourages continued stigmatization.

HIV/AIDS Crisis We are acutely aware of the HIV/AIDS epidemic. Because of its severity, we have devoted a chapter to examining its various aspects, including not only the biological and health aspects but also the personal, social, and psychological aspects. This chapter, along with the one on sexually transmitted diseases, has been thoroughly updated for this edition.

Research Based We are deeply committed to scholarship and to presenting cutting-edge research in the field of human sexuality. In writing this book we carefully evaluated the current literature, using bibliographic databases and communicating with scholars around the country. We include what we believe to be the most up-to-date, important, and interesting research findings available. Our own research on love and sexuality continues to remind us of the joys (and limits) of research.

Teaching Support We want to provide as much support as we can to the instructor teaching human sexuality. We believe a textbook's effectiveness as a teaching tool is dramatically increased when the text is systematically integrated with supplementary instructional material. We have developed a comprehensive, integrated teaching package that dovetails with the text and with classroom needs. Included in this package (described in detail below) are an instructor's resource book, a printed test bank, corresponding computerized test bank, a student study guide, supplemental videos, and a student guide to Internet resources.

Changes to This Edition

One of our objectives in preparing this text was to combine *Human Sexuality*, second edition, and *Core Concepts in Human Sexuality*, thereby offering the best of both books in a lower-cost, paperback edition. The result is a book whose length is midway between that of the two previous editions. For this, the third edition of *Human Sexuality*, we brought together both texts on a line-by-line and paragraph-by-paragraph basis, took the best of each, added new material where appropriate, and updated the text throughout. We have combined Chapters 6 and 7 of *Human Sexuality* into one chapter, now titled "Sex Over the Life Span." We also revised the pedagogy, eliminating the chapter-opening self-quizzes, removing the running glossary, and creating new titles for boxes, which we feel give a better idea of the focus of each one.

Additionally, we gathered some of the more practical and applied information from the text and included it, along with new material, in a Resource Center at the end of the book. The Resource Center also contains an

expanded directory of organizations, hotlines, and World Wide Web sites, grouped by topic, which students can explore on their own.

We have addressed many new topics and issues in this edition and expanded coverage of numerous others. New and expanded topics include contemporary approaches in the treatment of sexual ambiguities, the business of cybersex, celibacy as a choice, friendship and its relationship to love, pros and cons of home tests for STDs (including HIV), and the transgender phenomenon. Another key change in this book is the use of color throughout and the inclusion of many new and striking photographs. A revised design helps to increase the visual appeal of the book.

PEDAGOGICAL AIDS

Human Sexuality is written in an accessible style at a level appropriate for most undergraduates. To support both teaching and learning, we have incorporated several learning aids in the text. Each chapter begins with a **chapter outline**, designed to give the student an overview of topics discussed in the chapter. Reinforcing the outline is an "In this chapter" paragraph, describing the chapter's contents.

Providing students with greater understanding of particular timely, high-interest topics are boxes called "Think About It." Sample titles include "My Genes Made Me Do It: Sociobiology, Evolutionary Psychology, and the Mysteries of Love," "Bisexuality: The Nature of Dual Attraction," "Body Play: Tattooing and Piercing," and "Gay and Lesbian Parents." Also featured are boxes called "Practically Speaking." These boxes give students the opportunity to reflect on their personal attitudes, beliefs, and behaviors and to evaluate their own experiences in light of knowledge gained through reading the chapter. Sample titles include "Touch: Overcoming Differences," and "Guidelines for Choosing a Contraceptive Method."

Important **key terms** are printed in boldface type and defined in context as well as in the glossary. Appearing at the ends of chapters are chapter **summaries**, designed to assist students in understanding main ideas and in reviewing chapter material. An annotated listing of **suggested reading** is included at the end of every chapter as well, providing the student with sources of additional information and resources for research projects. Together, these pedagogical aids support and facilitate effective teaching and successful learning.

INTEGRATED TEACHING PACKAGE

As noted above, *Human Sexuality* includes a teaching package designed to increase the text's effectiveness as a teaching tool. At the heart of this package is the **Resource Book**. Developed by Bryan Strong and Barbara W. Sayad, this book begins with general concepts and strategies for teaching human sexuality. We offer suggestions on issues such as setting the ground rules for creating a supportive classroom environment, guidelines for integrating ethnicity, popular culture, gay men, lesbians, and bisexuals into the course, and using the computer in research. Also in this section are

suggested background readings, bibliographies, films and videos, and lists of transparency masters and student worksheets. We then provide the following resources for each chapter: outline, learning objectives, discussion questions, activities, list of films and videos, bibliography, worksheets, handouts, and transparency masters.

A computerized test bank of over 2,000 test items has been prepared by Roy O. Darby III, University of South Carolina, Beaufort. He brings substantial experience in teaching and in testing and measurement to this element of the package. Each chapter contains approximately 130 test items, including multiple choice questions, true-false questions, fill-in questions tied to key terms, short-answer questions, and essay questions. The test bank can be used with either IBM or Macintosh computers. The test bank is also printed and bound into one volume.

A student **study guide** has been prepared by Bobbi Mitzenmacher, California State University, Long Beach, and Barbara Sayad. The study guide contains detailed learning objectives, key terms, practice tests, activities, personal involvement assessments, and a step-by-step guide to preparing a personal and meaningful gender identity paper.

Videotapes are available that give instructors the opportunity to illustrate and extend coverage of the most current and compelling topics treated in the text. The Mayfield Relationships and Intimacy Videotape, which has been developed to accompany this text, comprises 13 10- to 15-minute video segments on subjects such as gender roles, the effect of AIDS on women, and date rape. Other videotapes on a wide range of topics are also available.

A new resource for students is the Mayfield Quick View Guide to the Internet for Students of Intimate Relationships, Sexuality, and Marriage and the Family by M. Paz Galupo, Towson University, Jennifer Campbell, and Michael Keene, both of the University of Tennessee, Knoxville. This short text introduces students to the Internet and provides them with extensive resources for using the Internet in the study of human sexuality. The guide can be shrinkwrapped with *Human Sexuality* at no additional cost to the student. We also will offer PowerPoint lecture outlines for this edition which can be customized to fit your course and can be printed as color transparencies.

For information on any component of the teaching package, instructors should contact their Mayfield representative or call (800) 433-1279.

ACKNOWLEDGMENTS

Many people contributed to the creation and development of this book. We are grateful, first of all, for the kind assistance of the reference staff at California State University, Monterey Bay.

Ruth Gunn Mota of International Health Programs has provided valuable information about HIV and AIDS, as have the staff of the Santa Cruz AIDS Project. They are deeply committed to increasing AIDS awareness among students and members of the community, as are a number of people living with AIDS in our community. We applaud their work.

Our friend and colleague Art Aron, one of the leading researchers in the social psychology of love, assisted us in developing Chapter 7, "Love, Intimacy, and Sexuality." Terence Crowley, professor of library science at San

Jose State University, continues to assist us—and entertain us—when we have difficult questions to research. Pepper Schwartz at the University of Washington has shared her ideas with us about the relationship between sex research and its popularization in the media. Fran Bussard, formerly of California State University, Chico, is an ever-thoughtful friend who provides ongoing insight into human relationships. Julie Rogers contributed greatly to the development of the instructor's manual. Special thanks to William Yarber of Indiana University for allowing us to use his health assessment instruments.

Of those at Mayfield Publishing Company, we particularly wish to acknowledge Frank Graham, our editor, and thank him for his inspiration, knowledge, and hard work. We also wish to thank Kate Engelberg, managing developmental editor, for her insights, sensitivity, patience, and professionalism. Megan Rundel, our developmental editor, was a source of insight and support as we revised the manuscript. Thanks to our production editor, Melissa Kreischer, who did outstanding work in managing the production process, keeping the book on schedule, and working closely with us from the first edition developing the photo program. We appreciate the conscientious editing and help of our manuscript editor, Bev DeWitt. Thanks to Susan Breitbard, design manager; Robin Mouat, art manager; Brian Pecko, photo researcher; Martha Granahan, permissions editor; and Susan Shook, supplements editor. Linda Toy, vice president, production, was a source of encouragement in producing the book. Dick Greenberg, president of Mayfield, also offered support and encouragement; it has been a pleasure working with him.

Author's Note

It was a pleasure and a privilege to co-author Human Sexuality with Bryan Strong, my husband, beginning with its first edition. Our work on the book was exciting and challenging—and tinged with bittersweetness, as Bryan was diagnosed with malignant melanoma in May of 1993. He died on August 10, 1996. Through his teaching and writing, Bryan touched the lives of thousands of students, both known and unknown to him. In the third edition of the text, my co-author, Barbara Sayad, and I have endeavored to keep Bryan's legacy alive by continuing his commitment to rigorous research and scholarship as well as maintaining the sensitivity, accessibility, and essential humanity that have distinguished Human Sexuality since its inception.

Our editor, Frank Graham, the staff at Mayfield, and Barbara Sayad have been unstintingly supportive and gracious to me throughout difficult times. I am deeply grateful to them all.

Christine DeVault

Brief Contents

	Preface xix
	Prologue 1
1	Perspectives on Human Sexuality 7
2	Studying Human Sexuality 35
3	Female Sexual Anatomy, Physiology, and Response 7
4	Male Sexual Anatomy, Physiology, and Response 97
5	Gender and Gender Roles 114
6	Sexuality Over the Life Span 147
7	Love, Intimacy, and Sexuality 202
8	Communicating About Sex 226
9	Sexual Expression 254
10	Atypical and Paraphilic Sexual Behavior 286
11	Contraception and Birth Control 309
12	Conception, Pregnancy, and Childbirth 354
13	The Sexual Body in Health and Illness 394
14	Sexual Enhancement and Therapy 430
15	Sexually Transmitted Diseases 460
16	HIV and AIDS 488
17	Sexual Coercion: Harassment, Aggression, and Abuse 523
18	Commercial Sex: Sexually Oriented Material and Prostitution 557

Resource Center R-1

71

Contents

Preface xix Prologue 1

1

Perspectives on Human Sexuality

SEXUALITY, POPULAR CULTURE, AND THE MEDIA 8

Media Portrayals of Sexuality 9

Television 10

Music and Music Videos 16

Hollywood Films 17

Computer Sex and Dial-a-Porn 20

SEXUALITY ACROSS CULTURES AND TIMES 22

Sexual Impulse 22

Sexual Orientation 24

Gender 25

SOCIETAL NORMS AND SEXUALITY 27

Natural Sex 27

Normal Sex 27

Think About It AM I NORMAL? 28

Sexual Behavior and Variations 29

Think About It MY GENES MADE ME DO IT: SOCIOBIOLOGY, EVOLUTIONARY PSYCHOLOGY, AND THE MYSTERIES OF LOVE 30

SUMMARY 33

SUGGESTED READING 34



Studying Human Sexuality

SEX, ADVICE COLUMNISTS, AND POP PSYCHOLOGY 36

Information and Advice as Entertainment 36

The Use and Abuse of Statistics 37

Practically Speaking EVALUATING POP PSYCHOLOGY 38

35

THINKING CRITICALLY ABOUT SEX 39

Value Judgments Versus Objectivity 39

Opinions, Biases, and Stereotypes 40

Confusing Attitudes and Behavior 41

Common Fallacies: Egocentric and Ethnocentric Thinking 41

SEX RESEARCH METHODS 43

Research Concerns 43

Clinical Research 45

Survey Research 46

Observational Research 46

Practically Speaking THE KINSEY INSTITUTE/ROPER ORGANIZATION NATIONAL SEX

KNOWLEDGE TEST 48

Experimental Research 48

THE SEX RESEARCHERS 50

Richard von Krafft-Ebing 51

Sigmund Freud 51

Havelock Ellis 53

Alfred Kinsey 54

William Masters and Virginia Johnson 56

National Health and Social Life Survey 57

EMERGING RESEARCH PERSPECTIVES 58

Feminist Scholarship 58

Gay and Lesbian Research 59

Directions for Future Research 61

ETHNICITY AND SEXUALITY 62

African Americans 62

Latinos 64

Asian and Pacific Islander Americans 66

SUMMARY 68

SUGGESTED READING 70

3

Female Sexual Anatomy, Physiology, and Response

71

FEMALE SEX ORGANS: WHAT ARE THEY FOR? 72

External Structures (The Vulva) 72

Internal Structures 74

Practically Speaking VAGINAL SECRETIONS AND LUBRICATION 77

Other Structures 78

The Breasts 79

FEMALE SEXUAL PHYSIOLOGY 80

Reproductive Hormones 80

The Ovarian Cycle 80

The Menstrual Cycle 82

Practically Speaking MEDICAL CARE: WHAT DO WOMEN NEED? 86

FEMALE SEXUAL RESPONSE 88

Sexual Response Models 88

Desire: Mind or Matter? 88

Think About It THE ROLE OF THE ORGASM 92

Experiencing Sexual Arousal 92

SUMMARY 95

SUGGESTED READING 96

Male Sexual Anatomy, Physiology, and Response

MALE SEX ORGANS: WHAT ARE THEY FOR? 98

External Structures 98

Think About It THE PENIS: MORE THAN MEETS THE EYE 100

Internal Structures 100

The Breasts and Other Structures 103

MALE SEXUAL PHYSIOLOGY 104

Sex Hormones 105

Spermatogenesis 106

Think About It DOES TESTOSTERONE CAUSE AGGRESSION? 107

Semen Production 109

MALE SEXUAL RESPONSE 109

Erection 110

Ejaculation and Orgasm 110

Emission 110

Expulsion 110

Orgasm 110

Practically Speaking CAN AN ERECTION BE WILLED? 112

SUMMARY 112

SUGGESTED READING 113



Gender and Gender Roles

114

97

STUDYING GENDER AND GENDER ROLES 115

Sex, Gender, and Gender Roles: What's the Difference? 116

Sex and Gender Identity 117

Masculinity and Femininity: Opposites or Similar? 118

Gender and Sexual Orientation 119

Think About It DON'T JUDGE A MAN BY HIS LIPSTICK OR A WOMAN BY HER

MOTORCYCLE BOOTS 120

Gender Theory 121

GENDER-ROLE LEARNING 123

Theories of Socialization 123

Gender-Role Learning in Childhood and Adolescence 124

Gender Schema: Exaggerating Differences 127

CONTEMPORARY GENDER ROLES 128

Traditional Gender Roles 129

Changing Gender Roles 132

Androgyny 134

Think About It ANDROGYNY, HEALTH, AND SATISFACTION: A CLOSER LOOK 135

WHEN GENDER IS AMBIGUOUS: INTERSEXUALITY, TRANSSEXUALITY, AND TRANSGENDERISM 136

Intersexuality: Atypical Chromosomal and Hormonal Conditions 136

Think About It A NEW APPROACH IN THE TREATMENT

OF SEXUAL AMBIGUITIES 140

Transsexuality 140

The Transgender Phenomenon 142

Think About It TRANSSEXUAL SURGERY 144

SUMMARY 145

SUGGESTED READING 146

6

Sexuality Over the Life Span

147

SEXUALITY IN INFANCY AND CHILDHOOD 148

Childhood Sexuality 149

The Family Context 151

SEXUALITY IN ADOLESCENCE 152

Psychosexual Development 152

Think About It THE "ORIGINS" OF HOMOSEXUALITY 158

Adolescent Sexual Behavior 160

Adolescent Pregnancy 163

Think About It REDUCING ADOLESCENT PREGNANCY 165

Sex Education 166

Think About It SEX EDUCATION: A CROSS-CULTURAL PERSPECTIVE 168

SEXUALITY IN EARLY ADULTHOOD 172

Developmental Concerns 172

Premarital Sexuality 173

Establishing Sexual Orientation 174

Think About It BISEXUALITY: THE NATURE OF DUAL ATTRACTION 176

Being Single 178

Think About It COMMON MISCONCEPTIONS ABOUT HOMOSEXUALITY 182

Cohabitation 184

11-

SEXUALITY IN MIDDLE ADULTHOOD 186

Developmental Concerns 186

Marital Sexuality 187

Extramarital Sexuality 189

Divorce and After 192

SEXUALITY IN LATE ADULTHOOD 194

Developmental Concerns 194

Stereotypes of Aging 195

Sexuality, Partner Availability, and Health 196

Male and Female Differences 197

Think About It What Physicians (and the rest of us) need to know about sex and aging 198

SUMMARY 199

SUGGESTED READING 201

7

Love, Intimacy, and Sexuality

202

LOVE AND SEXUALITY 203

Men, Sex, and Love 203

Women, Sex, and Love 204

Gay Men, Lesbians, and Love 205

Sex Without Love 206

Love Without Sex: Celibacy as a Choice 206

HOW DO I LOVE THEE? APPROACHES AND ATTITUDES RELATED TO LOVE 206

Attitudes and Behaviors Associated with Love 207

Styles of Love 207

The Triangular Theory of Love 209

Practically Speaking YOUR STYLE OF LOVE 210

Love as Attachment 214

Friendship and Love 216

UNREQUITED LOVE 217

Styles of Unrequited Love 217

Attachment Theory and Unrequited Love 218

JEALOUSY 218

What Is Jealousy? 219

Think About It THE WEB OF DECEPTION AND HOW IT AFFECTS RELATIONSHIPS 220

Managing Jealousy 221

THE TRANSFORMATION OF LOVE: FROM PASSION TO INTIMACY 222

Think About It MAKING LOVE LAST: THE ROLE OF COMMITMENT 223

SUMMARY 224

SUGGESTED READING 225



Communicating About Sex

226

THE NATURE OF COMMUNICATION 227

The Cultural Context 227

The Social Context 229

The Psychological Context 229

Nonverbal Communication 229

Practically Speaking TOUCH: OVERCOMING DIFFERENCES 232

SEXUAL COMMUNICATION 233

Sexual Communication in Beginning Relationships 233

Think About It NEGOTIATING SAFER SEX 236

Sexual Communication in Established Relationships 238

DEVELOPING COMMUNICATION SKILLS 241

Developing Self-Awareness 241

Think About It COMMUNICATION PATTERNS AND MARITAL SATISFACTION 242

Talking About Sex 242

Think About It TEN RULES FOR AVOIDING INTIMACY 244

CONFLICT AND INTIMACY 246

Practically Speaking GUIDELINES FOR GIVING EFFECTIVE FEEDBACK 248

Sexual Conflicts 248

Conflict Resolution 250

SUMMARY 252

SUGGESTED READING 253



Sexual Expression

254

SEXUAL ATTRACTIVENESS 255

A Cross-Cultural Analysis 255

The Halo Effect Revisited 256

Practically Speaking SEXUAL DESIRE: WHEN APPETITES DIFFER 258

Sexual Desire 258

SEXUAL SCRIPTS 260

Cultural Scripting 260

Intrapersonal Scripting 261

Interpersonal Scripting 261

AUTOEROTICISM 262

Sexual Fantasies and Dreams 262

Masturbation 265

Think About It MASTURBATION: FROM SIN TO INSANITY 268

INTERPERSONAL SEXUALITY 271

Touching 271

Kissing 273 Oral-Genital Sex 273 Think About It CHIMPS DO IT, HUMANS DO IT: CROSS-SPECIES SEXUAL BEHAVIOR 274 Sexual Intercourse 279 Anal Eroticism

SUMMARY 284

SUGGESTED READING 285



Atypical and Paraphilic Sexual Behavior

286

ATYPICAL VERSUS PARAPHILIC BEHAVIOR 287

Think About It THE MYTH OF SEXUAL ADDICTION 288

ATYPICAL SEXUAL BEHAVIORS 290

Incidence of Atypical Sexual Behaviors 290

Domination and Submission 290

Think About It BODY PLAY: TATTOOING AND PIERCING 292

THE PARAPHILIAS 293

NONCOERCIVE PARAPHILIAS 293

Fetishism 294

Transvestism

Think About It CROSS-DRESSING: WHAT'S IN A NAME? 297

COERCIVE PARAPHILIAS 298

Zoophilia 298

Voyeurism 298

Exhibitionism 299

Telephone Scatologia 300

Practically Speaking DEALING WITH OBSCENE PHONE CALLS 301

Frotteurism 301

Necrophilia 301

Pedophilia 302

Sexual Sadism and Sexual Masochism 305

SUMMARY 307

SUGGESTED READING 308



Contraception and Birth Control

309

RISK AND RESPONSIBILITY 310

Women, Men, and Birth Control: Who Is Responsible? 311

Think About It THE PSYCHOLOGY OF RISK TAKING

Preventing Sexually Transmitted Diseases 312