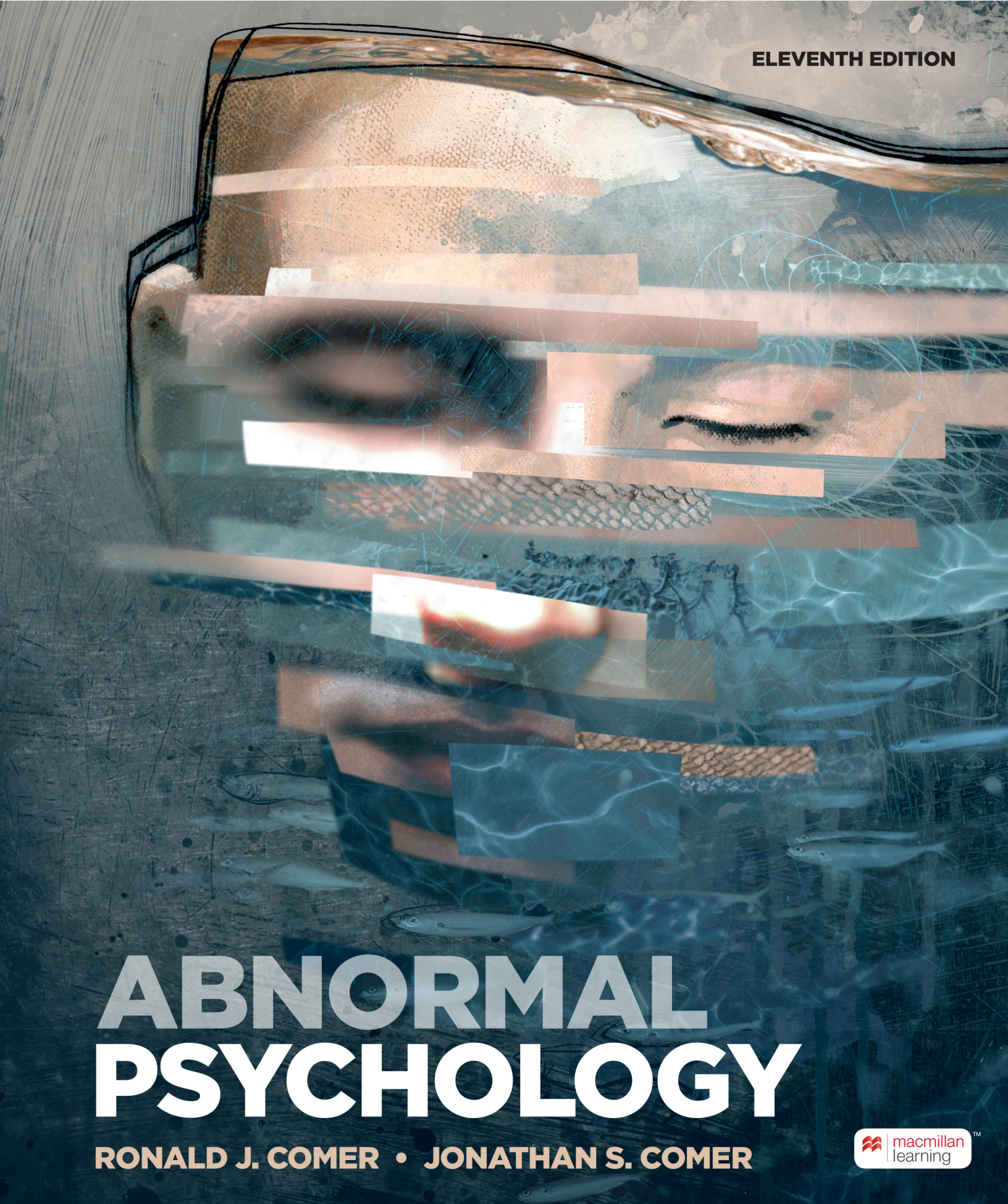
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Milestones in Abnormal Psychology

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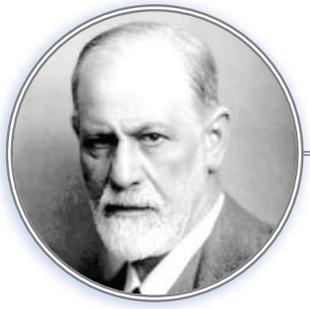

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Stone Age	Mental disorders treated by trephination. p. 8
430–377 B.C.E.	Hippocrates cites brain as source of mental disorders. p. 8
500–1450	Middle Ages adopts demonological explanations and treatments. p. 9
1547	Bethlehem Hospital in London converted into asylum. p. 10
1693	Witch-hunting trials peak in Salem, Massachusetts. p. 9
1773	First American mental hospital opens in Williamsburg, Virginia. p. 11
1793	Philippe Pinel frees asylum patients at La Bicêtre in Paris. p. 11
1812	Benjamin Rush writes first American textbook on psychiatry. p. 11
1842	Dorothea Dix begins campaign to reform mental hospitals in the United States. p. 11
1865	Gregor Mendel publishes theories of genetics. p. 51
1879	Wilhelm Wundt establishes first laboratory for experimental study of psychology. p. 26
1883	Emil Kraepelin develops first modern system for classifying mental disorders. p. 12
1892	American Psychological Association founded. p. 20
1893	Sigmund Freud, with Josef Breuer, publishes first chapters of *On the Psychical Mechanisms of Hysterical Phenomena,* launching psychoanalysis. p. 13
1896	Lightner Witmer coins term "clinical psychology" and establishes first outpatient psychological clinic in the United States at the University of Pennsylvania. p. 13
1897	General paresis linked to physical cause, syphilis. p. 12
1900	Freud publishes *The Interpretation of Dreams.* p. 58
1900	Morton Prince uses hypnosis to treat multiple personality disorder. p. 182
1901	Ivan Pavlov demonstrates classical conditioning. p. 61
1905	First intelligence test published. p. 95
1907	Alzheimer's disease identified by Dr. Alois Alzheimer. p. 543
1909	Freud makes his only visit to America and lectures at Clark University. p. 14
1913	Behaviorist John Watson argues that psychology should abandon study of consciousness. p. 61
1917	The U.S. Congress declares all nonmedical opioids illegal. p. 322
1921	Rorschach test published. p. 89
1929	EEG developed. p. 95
1935	Alcoholics Anonymous founded. p. 350
1935	First use of lobotomy for mental disorders. p. 424
1937	Marijuana made illegal throughout the entire United States. p. 336
1938	Electroconvulsive therapy introduced in Rome. p. 200
1938	B. F. Skinner proposes operant conditioning. p. 61
1939	The Wechsler–Bellevue Intelligence Scale published. p. 95
1943	LSD's hallucinogenic effect discovered. p. 332
1943	Minnesota Multiphasic Personality Inventory (MMPI) published. p. 91
1943	Jean-Paul Sartre's existential book *Being and Nothingness* published. p. 70
1949	Lithium salts first used for bipolar disorder. p. 220
1951	Chlorpromazine, first antipsychotic drug, tested. p. 429
1951	Carl Rogers publishes *Client-Centered Therapy.* p. 67
1952	First edition of DSM published by the American Psychological Association. pp. 99, 103
1955	The Los Angeles Suicide Prevention Center founded. p. 250
1956	Family systems theory and therapy launched. p. 73

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1958 Joseph Wolpe develops desensitization. p. 128
1961 Thomas Szasz publishes *The Myth of Mental Illness*. p. 4
1962 Albert Ellis proposes rational-emotive therapy. p. 119
1963 The Community Mental Health Act helps trigger deinstitutionalization in the United States. p. 438
1963 Antianxiety drug Valium introduced in the United States. p. 121
1964 U.S. Surgeon General warns that smoking can be dangerous to human health. p. 327
1967 Aaron Beck publishes cognitive theory and therapy for depression. pp. 205, 208
1967 Methadone maintenance treatment begins. p. 349
1970 Masters and Johnson publish *Human Sexual Inadequacy* and launch sex therapy. p. 369
1972 CAT scan introduced. p. 95
1973 DSM stops listing homosexuality as a mental disorder. p. 386
1975 Endorphins—natural opioids—discovered in human brain. p. 323
1975 U.S. Supreme Court declares that patients in institutions have right to adequate treatment. p. 569
1981 MRI first used as diagnostic tool. p. 95
1982 John Hinckley found not guilty by reason of insanity for the attempted murder of President Reagan. p. 559
1987 Antidepressant Prozac approved in the United States. p. 198
1988 Association for Psychological Science founded. p. 26
1990 FDA approves clozapine, first of the second-generation antipsychotic drugs. p. 431
1995 APA task force begins search to identify empirically supported (evidence-based) treatments. p. 105
1997 PTSD patients are treated with virtual reality programs for first time. p. 169
1998 Viagra goes on sale in the United States, followed later by Cialis, Levitra, and Stendra. p. 372
1999 Killing rampage at Columbine High School stirs public concern about dangerousness in children. p. 568
2000 Scientists finish mapping (i.e., sequencing) the human genome. p. 51
2001 Around 1,600 mental health workers mobilize to help 57,000 victims of 9/11 terrorist attacks. p. 171
2002 New Mexico grants prescription privileges to specially trained psychologists. p. 572
2004 FDA orders black box warnings on all antidepressant drug containers. p. 244
2006 U.S. Supreme Court upholds Oregon's Death with Dignity Act, allowing doctors to assist suicides by terminally ill individuals under certain conditions. p. 249
2011 The American Psychological Association declares its support for the legalization of same-sex marriages. p. 377
2012 Marijuana use (for any purpose) made legal in Colorado and Washington. p. 338
2013 DSM-5 published. p. 99
2014 The Affordable Care Act goes into effect, requiring all insurance plans to offer equal ("parity") coverage for mental and physical problems. p. 19
2016 CDC publishes physician guidelines for prescribing pain relievers to help address opioid crisis. p. 325
2017 APA Code of Ethics declares that psychologists must not "participate in, facilitate, assist, or otherwise engage in torture." p. 577
2017 Study finds chronic traumatic encephalopathy in 99 percent of donated brains of NFL players. p. 550
2018 The World Health Organization announces plans to remove transgender functioning as a mental disorder in ICD-11, the newest edition of its classification system. p. 385
2020 In response to the COVID-19 pandemic, federal and state policy makers mandate that all insurance plans provide coverage for telemental health services. p. 22
2020 The president of the American Psychological Association states, "We are living in a racism pandemic, which is taking a heavy psychological toll on our African American citizens." p. 78
2022 ICD-11 goes into effect. p. 99

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To Mimi Melek,
the soul of this book.

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Denise Applewhite, Princeton University

RONALD J. COMER has been a professor in Princeton University's Department of Psychology for the past 46 years, also serving for many years as director of Clinical Psychology Studies and as chair of the university's Institutional Review Board. In 2016 he transitioned to emeritus status at the university. He has received the President's Award for Distinguished Teaching at Princeton, where his various courses in abnormal psychology were among the university's most popular.

Professor Comer is also Clinical Associate Professor of Family Medicine and Community Health at Rutgers Robert Wood Johnson Medical School. He has also been a practicing clinical psychologist and served as a consultant to Eden Autism Services and to hospitals and family practice residency programs throughout New Jersey.

In addition to writing the textbooks *Abnormal Psychology* (eleventh edition), *Fundamentals of Abnormal Psychology* (ninth edition), *Psychology Around Us* (second edition), and *Case Studies in Abnormal Psychology* (second edition), Professor Comer has published a range of journal articles and produced numerous widely used educational video programs, including *The Higher Education Video Library Series, The Video Anthology for Abnormal Psychology, Video Segments in Neuroscience, Introduction to Psychology Video Clipboard,* and *Developmental Psychology Video Clipboard*.

Professor Comer was an undergraduate at the University of Pennsylvania and a graduate student at Clark University. He currently lives in Boynton Beach, Florida, with his wife, Marlene. From there he keeps a close eye on his nearby grandchildren Delia and Emmett, somehow making the same mistakes with them that he made with their father Jon and uncle Greg a generation ago. Then again, that turned out pretty well.

Courtesy Jon Comer

JONATHAN S. COMER is a professor of psychology at Florida International University, where he also directs the Mental Health Interventions and Technology (MINT) Program. He is Past President of the Society of Clinical Psychology (Division 12 of the American Psychological Association) and a leader in the field of clinical child and adolescent psychology. The author of approximately 200 scientific papers and chapters, he has received career awards from the American Psychological Association, the Association for Psychological Science, and the Association for Behavioral and Cognitive Therapies for his research on innovative treatment methods, childhood anxiety and disruptive behaviors, and the impact of traumatic stress, disasters, and terrorism on children. His current work also focuses on ties between psychopathology, neurocircuitry, and the intergenerational transmission of psychological problems.

In addition to *Abnormal Psychology* (eleventh edition), Professor Comer has authored *Fundamentals of Abnormal Psychology* (ninth edition) and *Childhood Disorders* (second edition) and edited *The Oxford Handbook of Research Strategies for Clinical Psychology*, among other books. He serves as Editor of the journal *Behavior Therapy* and is a Fellow of the American Psychological Association, the Society of Clinical Psychology, the Society of Clinical Child and Adolescent Psychology, and the Society for Child and Family Policy and Practice. He is also a practicing clinical psychologist.

Professor Comer was an undergraduate at the University of Rochester and a graduate student at Temple University. He currently lives in South Florida with his wife, Jami, and their children Delia and Emmett. He loves music—both playing and listening—and enjoys keeping an eye on the often-frustrating Philadelphia sports teams that his father taught him to love/hate.

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Preface

So what's happened since we wrote our previous edition of *Abnormal Psychology* three years ago? Hmm. . . . Well, a virus spread across the world and, to one degree or another, affected the daily activities, emotions, decision-making, family life, social relationships, work and school routines, economic security, and well-being of everyone on earth. Both common sense and research suggest that the impact of the COVID-19 pandemic on mental health and the clinical field must be included and carefully examined throughout our new edition of *Abnormal Psychology*.

At the same time, despite its pervasive presence, the pandemic is not the only momentous occurrence since the writing of our previous edition. In recent years, a range of unsettling world events and extraordinary social movements have unfolded that remind us of something most already knew, but did not know deeply enough—that many, many people are subjected to particularly profound pressure and psychological pain because of their race or ethnicity, gender, gender identity, sexual orientation, poverty, immigration status, geographical location, victimization, or the like. Given these recent developments and reminders, researchers have greatly increased their investigations into the ties between multicultural issues and mental health. Such developments and research obviously warrant examination throughout our new textbook edition.

Of course, we have consistently focused on the impact of key societal, multicultural, and economic factors in past editions of *Abnormal Psychology*, but in our new edition we have tried to do justice to the field's and society's accelerating recognition and investigation of such factors. At the same time we continue to present—with breadth and clarity—the other important areas of focus and bodies of work that shed light on the emergence and treatment of mental health problems.

Between *Abnormal Psychology* and *Fundamentals of Abnormal Psychology*, the current textbook represents the twentieth edition of one or the other of the books. As we noted in previous editions, this textbook journey has been joyful and stimulating, but also one in which each edition is accompanied by extensive work and countless sleepless nights. We mention these labors not only because we are world-class whiners but also to emphasize that we approach each edition as a totally new undertaking rather than as a superficial update of past editions. Our goal is to make each edition fresh and relevant by approaching our content coverage and pedagogical offerings as if we were writing a completely new book. As a result, each edition includes cutting-edge content reflecting new developments in the field, as well as in the world around us, delivered to readers via innovative and enlightening pedagogical techniques.

With all of this in mind, we have added an enormous amount of new material and important new features for this edition of *Abnormal Psychology*—while at the same time retaining the successful themes, material, and techniques that have been embraced enthusiastically by past students and instructors. The result is, we believe, a book that will excite readers and speak to them and their times. We have tried to convey our passion for the field of abnormal psychology, and we have built on the generous feedback of our colleagues in this undertaking—the students and professors who have used this textbook over the years.

New and Expanded Features

This edition of *Abnormal Psychology* reflects the many changes that have occurred over the past several years in the fields of abnormal psychology, education, and publishing,

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and, as we noted earlier, in the world. Accordingly, we have introduced a number of new features and changes to the current edition.

COVID-19 Focus We have added a large body of COVID-19 pandemic-related material and findings throughout the book, including: (1) ties between the pandemic and anxiety disorders (for example, page 113), PTSD (pages 157–158), depression (page 211), suicide (page 237), immune system functioning (page 278), substance abuse (pages 326, 349), sexual functioning (page 372), family abuse (page 160), and schizophrenia (page 401); (2) the special impact of the pandemic on the psychological and medical health of poor persons (page 275), members of minority groups (page 275), children (page 492), and the elderly (page 534); and (3) the pandemic-related shift toward telemental health in the clinical field (pages 22, 578, 582).

Tayfun Coskun/Anadolu Agency via Getty Images

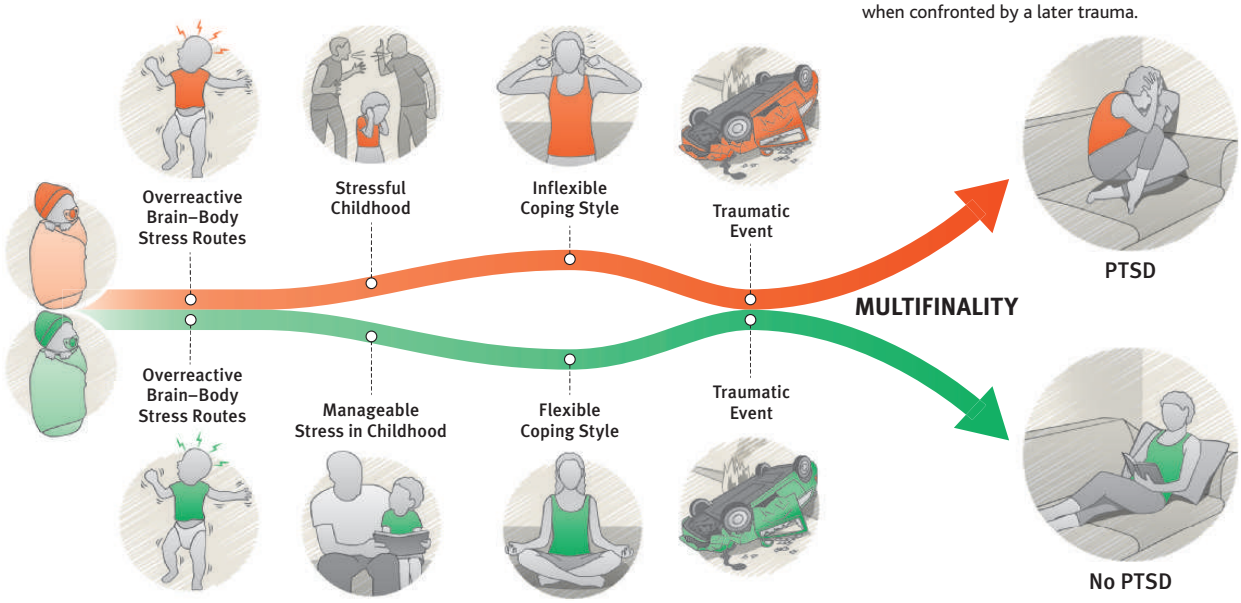
Helpers at risk A health care worker sits outside a New York City hospital after working relentlessly to help save countless COVID-19 patients. Studies reveal that such workers are at high risk for stress disorders.

Enhanced Coverage of the Developmental Psychopathology Perspective We have enhanced the coverage of the *developmental psychopathology perspective,* the cutting-edge viewpoint that helps integrate the explanations and treatments offered by the various models of psychopathology, using a developmental framework. In particular, we have added enlightening, pedagogical drawings and artwork throughout our discussions that propel the principles of this perspective to life and help readers better understand its explanations (for example, pages 81–82, 147, 417).

FIGURE 6-3

Multifinality and PTSD

According to the principle of *multifinality,* persons initially challenged by similar negative variables in childhood may wind up with different clinical outcomes. Both individuals in this illustration are born with overreactive brain–body stress routes. However, one further experiences intense childhood stress and acquires poor coping skills, setting the stage for PTSD in the face of a later traumatic event. In contrast, the other individual experiences manageable stress throughout childhood (a protective factor) and so remains clinically healthy when confronted by a later trauma.



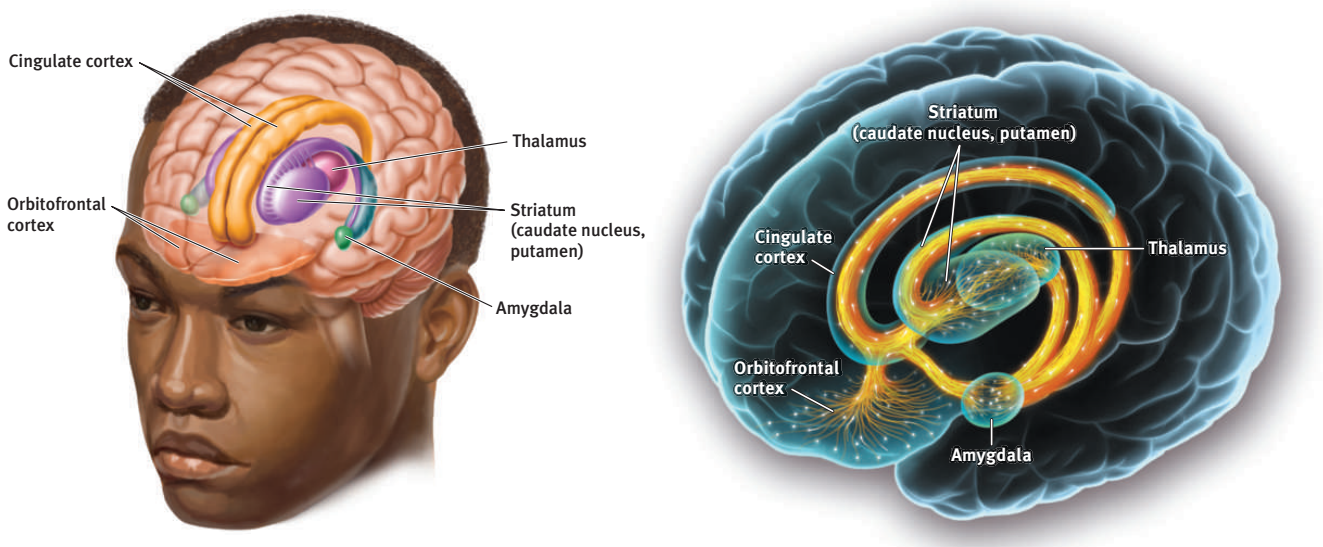


FIGURE 5-4

The Biology of Obsessive-Compulsive Disorder

The brain circuit whose dysfunction has been linked to obsessive-compulsive disorder includes structures such as the orbitofrontal cortex, cingulate cortex, striatum, thalamus, and amygdala (left). The illustration on the right highlights how the structures of this circuit work together and trigger each other into action to produce obsessive-compulsive reactions. The long axons of the neurons from each structure form fiber-like pathways across the brain that extend to the other structures in the circuit.

Enhanced Coverage of Brain Circuitry In this edition, *brain circuits* continue to be at the center of the textbook's biological discussions of the various psychological disorders, revealing how sets of particular neurons, brain structures, and brain chemicals communicate and work together to produce normal and abnormal functioning. To bring greater clarity and relevance to readers, in this edition we have added many unique elegant drawings of the circuits in action, indicating how their parts interconnect and bringing the biological explanations to life (for example, pages 50, 194, 408).

Additional Focus on Technology In this edition we have further expanded the previous edition's focus on the psychological impact of technology and the use of new technology in treatment and research. Throughout the book—in numerous text discussions, *MindTech* boxes, photographs, and figures—we examine many technology topics such as telemental health during the COVID-19 pandemic (pages 22, 582), the growth of mental health apps (pages 107, 582), interventions that use smart watches and other "wearables" (pages 22, 74), the normalization of sexting (page 377), online research strategies (page 43), social media and emotions (page 133), online bullying (pages 490–491), the impact of "canceling" (page 490), social media and the elderly (page 541), robotics and mental health (pages 374, 553), iPad interventions for autism (pages 517, 518), pro-Ana sites (page 298), and live streaming of suicides (page 231).

Enhanced Coverage of Multicultural Issues Consistent with the field's accelerating appreciation of the impact of ethnicity, race, poverty, gender, gender identity, sexual orientation, immigration status, and other cultural factors on psychological functioning, this edition further expands its coverage of the *multicultural perspective*, adding multicultural material and research throughout the text and highlighting topics such as underrepresentation of racial and ethnic groups in clinical research (pages 481, 546), diagnostic bias (pages 91, 511), poor access to mental health care (pages 501, 554), discrimination and prejudice (pages 78, 275), and the disproportionate impact of COVID-19 and the pandemic on minority groups (pages 274, 275). Even a quick look through the pages of this textbook will reveal that it truly reflects the diversity of our society and of the field of abnormal psychology.

Structural Change In this edition we have combined two chapters from the previous edition (*Depressive and Bipolar Disorders* and *Treatments for Depressive and Bipolar Disorders*) into a single comprehensive chapter, *Depressive and Bipolar Disorders,* so that each explanation of the mood disorders flows directly into its corresponding treatment, enabling readers to better appreciate the close ties between explanations and treatment approaches.

Additional Boxes In this edition we continue to offer a wide variety of *Trending, PsychWatch,* and *MindTech* boxes, including such new boxes as *Therapy, Now Ready to Wear?* (page 74); *There's an App for That . . . But Does It Work?* (page 107); *Vaping: New Devices, New Problems* (page 337); and *"Sexting": From Pathology to Respectability* (page 377).

Additional Infocentral Data Our previous editions introduced a feature called **InfoCentrals**—numerous lively infographics on important topics in the field. These full-page infographics provide stimulating visual representations of data related to key topics and concepts in abnormal psychology. Given the very positive reader response to the InfoCentrals, we have included them again in this edition—updating all of them and adding brand-new elements to several of them (pages 159, 249, 327, 491).

Additional Topics Over the past several years, a number of topics in abnormal psychology have received new or special attention. Correspondingly, in this edition we have added new topics such as *the impact of changing health care laws* (pages 19, 22); *ketamine treatment for depression* (pages 198–199); *telemental health* (pages 22, 582, 584); *impact of the COVID-19 pandemic on mental health, treatment, and the clinical field* (pages 349, 492–493, 533–534); *the Golden State Killer* (page 574); *terrorism and mental health* (pages 160–161, 577); *exercise and mental health* (page 197); *ICD-11* (99, 385); *support animals* (page 67); *social media employment screening* (page 88); *robotic interventions* (pages 374, 553); *body shaming* (page 311); *athletes and eating disorders* (pages 301, 309); *the opioid crisis* (page 325); *vaping* (page 337); *cannabis edibles* (pages 334–335); *recreational cannabis laws* (pages 336–338); *the normalization of sexting* (page 377); *child pornography around the world* (pages 381–382); *transgender issues* (pages 385–390); *non-binary, gender fluid, and intersex functioning* (page 385); *erotomanic delusions* (page 418); *malignant narcissism* (page 456); *mental health courts* (pages 441, 565); *mentalization* (pages 466–467); *parent management training* (pages 502–503); *iPSIT* (page 503); *joint attention* (page 515); *school lockdown drills and child anxiety* (pages 493–494); *chronic traumatic encephalopathy (CTE)* (page 550); and *outpatient civil commitment* (pages 561, 566, 569).

Case Material Over the years, one of the hallmarks of *Abnormal Psychology* has been the inclusion of numerous and culturally diverse clinical examples that bring theoretical and clinical issues to life. In our continuing quest for relevance to the reader and to today's world, we have replaced or revised many of the clinical examples in this edition (for example, pages 63, 75–76, 160, 506–507).

Additional Critical Thought Questions *Critical thought questions* have long been a stimulating feature of *Abnormal Psychology*. These questions pop up within the text narrative, asking students to pause at precisely the right moment and think critically about the material they have just read. We have added a number of new such questions throughout this edition.

Additions to the "of Note..." Feature This edition retains a fun and thought-provoking feature that has been very popular among students and professors over the years—the reader-friendly *of Note…* feature, previously called *Hashtags,* consisting of surprising facts, current events, historical notes, interesting trends, lists, and quotes that are strategically placed in the book's margins. Numerous new *of Notes…* have been added to this edition.

Thorough Update In this edition we present the most current theories, research, and events, and include more than 2,500 new references from the years 2019–2021, as well as numerous new photos, tables, and figures.

Expanded Coverage of Prevention and Mental Health Promotion In accord with the clinical field's growing emphasis on prevention, positive psychology, and psychological wellness, we have increased the textbook's attention to these important approaches (for example, pages 16, 250–254, 312, 554–555).

Expanded Coverage of "New Wave" Cognitive-Behavioral Theories and Treatments Consistent with the increasing impact of the "new wave" cognitive-behavioral theories and therapies, including *mindfulness-based cognitive therapy* and *acceptance and commitment therapy* (ACT), the current edition of *Abnormal Psychology* further expands the coverage of techniques, theories, and research in this realm (for example, pages 64, 120, 434–436).

Continuing Strengths

As we noted earlier, in this edition we have also retained the themes, material, and techniques that have worked successfully for and been embraced enthusiastically by past readers.

Breadth and Balance The field's many theories, studies, disorders, and treatments are presented completely and accurately. All major models—psychological, biological, and sociocultural—receive objective, balanced, up-to-date coverage, without bias toward any single approach.

Integration of Models Discussions throughout the text help students better understand where and how the various models work together and how they differ.

Empathy The subject of abnormal psychology is people—very often people in great pain. We have tried therefore to write always with empathy and to impart this awareness to students.

Integrated Coverage of Treatment Discussions of treatment are presented throughout the book. In addition to a complete overview of treatment in the opening chapters, each of the pathology chapters includes a full discussion of relevant treatment approaches.

Rich Case Material As we mentioned earlier, the textbook features hundreds of culturally diverse clinical examples to bring theoretical and clinical issues to life.

DSM-5 This edition continues to include discussions of DSM-5 throughout the book, highlighting the classification system's flaws as well as its utility. In addition to weaving DSM-5 categories, criteria, and information into the narrative of each chapter, we regularly provide a reader-friendly pedagogical feature called Dx Checklist to help students fully grasp DSM-5 and related diagnostic tools (for example, pages 99–104, 190, 482–486).

Margin Glossary Hundreds of key words are defined in the margins of pages on which the words appear. In addition, a traditional glossary is featured at the back of the book.

Focus on Critical Thinking The textbook provides various tools for thinking critically about abnormal psychology. As we mentioned earlier, for example, "critical thought" questions appear at carefully selected locations within the text discussion, asking readers to stop and think critically about the material they have just read.

Striking Photos and Stimulating Illustrations Concepts, disorders, treatments, and applications are brought to life for the reader with stunning photographs, diagrams, graphs, and anatomical figures. All of the figures, graphs, and tables, many new to this edition,

reflect the most up-to-date data available. The photos range from historical to today's world to pop culture. They do more than just illustrate topics: they touch and move readers.

Clinical Choices In each of the Clinical Choices immersive learning activities, students take the role of clinician, engaging with virtual clients to identify the symptoms of psychological disorders (based on DSM-5 criteria), and think critically about diagnosis and treatment options. Each activity has been newly revised and integrated into the text.

Adaptability Chapters are self-contained, so they can be assigned in any order that makes sense to the professor.

Supplements

We are delighted by the enthusiastic responses of both professors and students to the supplements that have accompanied *Abnormal Psychology* over the years. This edition offers those supplements once again, revised and enhanced.

For Professors

Worth Video Collection for *Abnormal Psychology* *Produced and edited by Ronald J. Comer, Princeton University, and Gregory P. Comer, Princeton Academic Resources. Faculty Guide included.* This incomparable video series offers more than 130 contemporary clips on different kinds of clinical events, psychopathologies, research undertakings, and treatments, including videos on body shaming, mindfulness-based interventions, transgender issues, borderline personality disorder, dialectical behavior therapy, cell phone addiction, gaming addiction, acceptance and commitment therapy, binge-eating disorder, training police for mental health interventions, mental health courts, and CTE and football. These cutting-edge videos are available on the *Video Collection for Abnormal Psychology* flash drive and in LaunchPad. The series is accompanied by a guide that fully describes and discusses each video clip, so that professors can make informed decisions about the use of the segments in lectures.

Instructor's Resource Manual *by Jeffrey B. Henriques, University of Wisconsin–Madison and Laurie A. Frost.* This comprehensive guide, revised by an experienced instructor and a clinician, ties together the ancillary package for professors and teaching assistants. The manual includes detailed chapter outlines, lists of principal learning objectives, ideas for lectures, discussion launchers, classroom activities, extra credit projects, and DSM criteria for each of the disorders discussed in the text. It also offers strategies for using the accompanying media, including the video collection. Finally, it includes a comprehensive set of valuable materials that can be obtained from outside sources—items such as relevant feature films, documentaries, teaching references, and Internet sites related to abnormal psychology.

Lecture Slides and Handout Slides These slides focus on key concepts and themes from the text and can be used as is or customized to fit a professor's needs.

iClicker Classroom Response System This is a versatile polling system developed by educators for educators that makes class time more efficient and interactive. iClicker allows you to ask questions and instantly record your students' responses, take attendance, and gauge students' understanding and opinions. A set of Clicker Questions for each chapter is available online and in LaunchPad.

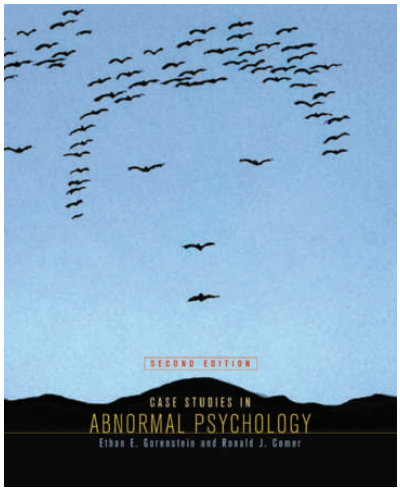
Image Slides and Tables These slides, featuring all chapter photos, illustrations, and tables, can be used as is or customized to fit a professor's needs.

Chapter Figures and Photos This collection gives professors access to all of the photographs, illustrations, and alt text from *Abnormal Psychology,* Eleventh Edition.

Assessment Tools

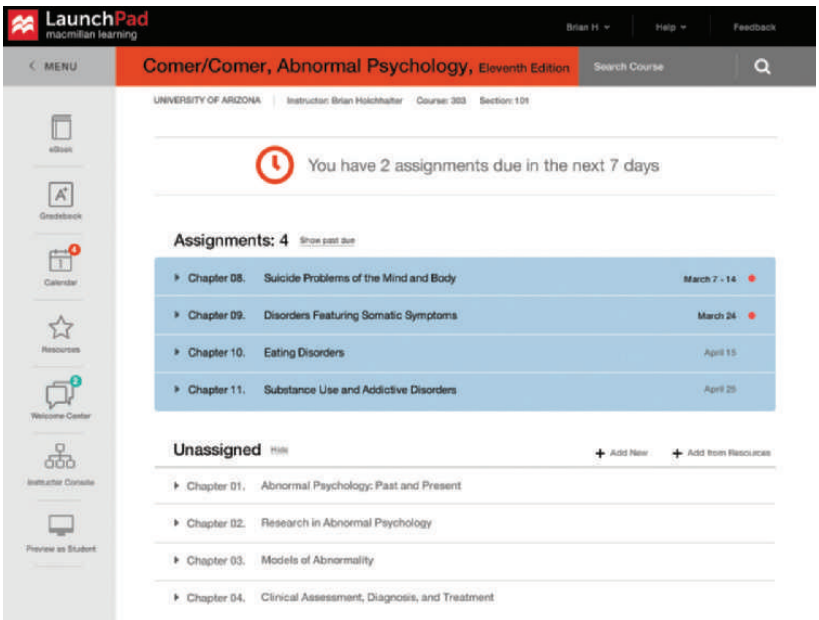
The **Macmillan Learning Test Bank** includes a full assortment of test items. Each chapter features over 200 questions to test students at several levels of Bloom's taxonomy. All the questions are tagged to the outcomes recommended in the 2013 *APA Guidelines for the Undergraduate Psychology Major,* Bloom's level, the book page, the chapter section, and the learning objective from the Instructor's Resource Manual.

For Students



***Case Studies in Abnormal Psychology,* Second Edition,** *by Ethan E. Gorenstein, Behavioral Medicine Program, New York–Presbyterian Columbia University Medical Center, and Ronald J. Comer, Princeton University.* This edition of our popular case study book provides 20 case histories, each going beyond diagnoses to describe the individual's history and symptoms, a theoretical discussion of treatment, a specific treatment plan, and the actual treatment conducted. The casebook also provides three cases without diagnoses or treatment so that students can identify disorders and suggest appropriate therapies. Wonderful case material for somatic symptom disorder, hoarding disorder, and gender dysphoria has been added by Danae Hudson and Brooke Whisenhunt, both of Missouri State University. Answers to the Case Studies are available in LaunchPad.

LaunchPad with LearningCurve Adaptive Quizzing—*A Comprehensive Solution for Teaching and Learning* *Available at www.launchpadworks.com*
LaunchPad combines Worth Publishers' award-winning media with an innovative platform for easy navigation. For students, it is the ultimate online study guide, with rich interactive tutorials, videos, an e-book, and the LearningCurve adaptive quizzing system. For instructors, LaunchPad is a full-course space where class documents can be posted, quizzes can be easily assigned and graded, and students' progress can be assessed and recorded. Whether you are looking for the most effective study tools or a robust platform for an online course, LaunchPad is a powerful way to enhance your class.

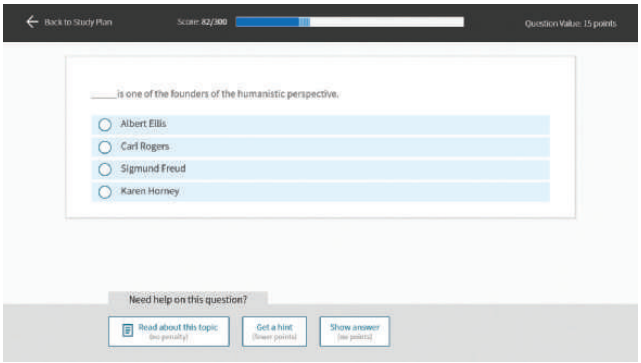


LaunchPad to accompany *Abnormal Psychology,* Eleventh Edition, can be previewed and purchased at www.launchpadworks.com. *Abnormal Psychology,* Eleventh Edition, and LaunchPad can be ordered together with:

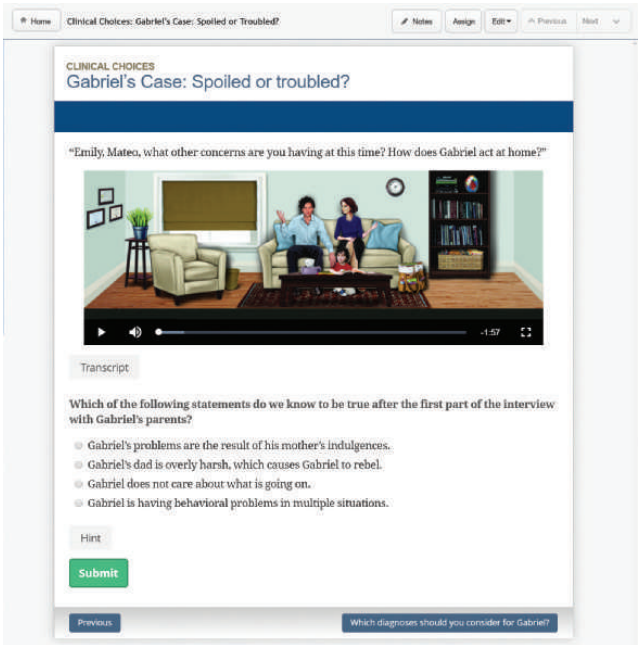
ISBN-10: 1-319-40056-6
ISBN-13: 978-1-319-40056-9

LaunchPad for *Abnormal Psychology,* Eleventh Edition, includes the following resources:

- The **LearningCurve** quizzing system, based on the latest findings from learning and memory research, combines adaptive question selection, immediate and valuable feedback, and a game-like interface to engage students in a learning experience that is unique to each student. Each LearningCurve quiz is fully integrated with other resources in LaunchPad through the Personalized Study Plan, so students will be able to review the material with Worth's extensive library of videos and activities. And state-of-the-art question-analysis reports allow instructors to track the progress of individual students as well as that of their class as a whole.



- ***Clinical Choices*** **Immersive Learning Activities** by *Taryn Myers, Virginia Wesleyan University.* Through an immersive mix of video, audio, and assessment, each of the 11 Clinical Choices case studies allows students to simulate the thought process of a clinician by identifying and evaluating a virtual "client's" symptoms, gathering information about the client's life situation and family history, determining a diagnosis, and formulating a treatment plan.
- **Abnormal Psychology Video Activities**, *produced and edited by Ronald J. Comer, Princeton University, and Gregory P. Comer, Princeton Academic Resources.* These intriguing video cases run 3 to 7 minutes each and focus on people with the various disorders, treatments, and issues discussed in the text. Students first view a video case and then answer a series of thought-provoking questions. Video Activities are available for all videos in the *Abnormal Psychology* video collection.



- A global certified accessible **interactive e-book** allows students to highlight, bookmark, and make their own notes, just as they would with a printed textbook.
- **Research Exercises** in each chapter help stimulate critical thinking skills. Students are asked to consider real research, make connections among ideas, and analyze arguments and the evidence on which they are based.
- **Deep integration** is available between LaunchPad products and Blackboard, Brightspace by Desire2Learn, Canvas, and Moodle. These deep integrations offer educators single sign-on and Gradebook sync, now with auto-refresh. Also, these best-in-class integrations offer deep linking to all Macmillan digital content at the chapter and asset level, giving professors ultimate flexibility and customization capability within their learning management system.

Achieve Read & Practice Achieve Read & Practice marries Macmillan Learning's global certified accessible e-book with the acclaimed LearningCurve adaptive quizzing system. It is an easy-to-use, yet exceptionally powerful teaching and learning tool that improves student engagement and understanding. Instructors can assign reading simply, students can complete assignments on any device, and the cost is significantly less than that of a printed book. With Achieve Read & Practice:

- Instructors can arrange and assign chapters and sections from the e-book in any sequence they prefer.
- Assignments come with LearningCurve quizzes offering individualized question sets, feedback, and e-book references that adapt to correct and incorrect answers. If students struggle with a particular topic, they are encouraged to re-read the material and answer a few short additional questions before being given the option to quiz themselves again.
- The Read & Practice gradebook provides analytics for student performance individually and for the whole class, by chapter, section, and topic, helping instructors prepare for class and one-on-one discussions.

Acknowledgments

We are very grateful to the many people who have contributed to writing and producing this book. We particularly thank Gregory Comer of Princeton Academic Resources for his outstanding work on a range of text and digital materials and Anthony Dick and Matthew Sutherland, each of Florida International University, for their invaluable feedback on this edition's expanded coverage of brain circuits. In addition, we are indebted to Marlene Glissmann and Cheryl Adam for their fast, furious, and fantastic work on the references.

We are indebted greatly to those outstanding academicians and clinicians who have provided exceptional feedback on this new edition of *Abnormal Psychology,* along with that of its partner, *Fundamentals of Abnormal Psychology,* and have commented with great insight and wisdom on its clarity, accuracy, and completeness. Their collective knowledge has in large part shaped the current edition: Kathryn Alves-Labore, Forsyth Technical Community College; Robin Campbell, Eastern Florida State College; Lisa Davies, Nashville State Community College; Nancy Gup, Georgia State University Perimeter College; Bonnie Hamm, Virginia Western Community

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