

OpenStax Introduction to Psychology 2nd Edition

Transition Guide

Global Changes

Introduction to Psychology 2e was revised to increase currency, accuracy, and diversity, based on extensive and valuable feedback from the community. Research, data, and statistics were updated where needed, and out-of-date concepts, examples, and studies were removed, revised, or given historical context. Diversity and inclusivity were improved through coverage of important research and researchers from historically underrepresented groups, such as women and people of color.

Additional book-wide changes include:

- Art was updated throughout the text, either for accuracy, clarity, visual appeal, or accessibility, such as the improvement in color contrast or size in the figures.
- Text and images were changed in order to remove generalizations, assumptions, and stereotypes.
- Cultural references and examples were made more contemporary in order to improve the context for students.

Thematic Changes

- Much care was taken to improve confusing explanations and to fix imprecise word choice so that students would have a strong foundation for the terms and concepts from their first learning, thus preventing confusion later.
- Some topics were rearranged for better thematic flow.
- Several learning objectives were added to reflect additional topics presented, or their Bloom's taxonomy level was improved to reflect more critical thinking than rote learning.
- Connections were added to highlight topics covered in more than one chapter.

Chapter 1	<ul style="list-style-type: none"> • More than 30 readability and usability edits, including video replacements • Brought data up-to-date with the most recent information available, including adding references • Added examples of important female, African American, and other leaders in the field • Increased measurability of learning objectives • Clarified and revised the definition and etymology of <i>psychology</i> • Updated and clarified coverage of Wundt, Tichener, and Structuralism • Expanded Careers in Psychology section to include more data and highlight fields to show undergrads its breadth and scope
Chapter 2	<ul style="list-style-type: none"> • More than 15 readability and data updates, including video replacements • Revised presentation of media violence and removed related artwork throughout • Revised examples of the research process to focus on technology in our lives rather than media violence • Removed the DARE education example and expanded the hypothetical scenario where the reader is elected governor and what kind of data informs state decisions • Revised figure 2.5 on the scientific method for clarity and added sentences of explanation • Added learning objective stressing correlation not equaling causation • Revised text to clarify how studies function to show events are not random • Revised definition of <i>p value</i> • Added measles outbreak data to adverse examples information • Expanded information on reliability and validity; central tendency; federal regulations; and mean, mode and median
Chapter 3	<ul style="list-style-type: none"> • More than 65 readability, reference, and data updates, such as precision in word choice • Updated brain illustrations for scientific/ anatomical accuracy • Added coverage of research contributions from Michael Gazzaniga and Suzana Herculano-Houzel • Updated research studies where necessary/possible • Added information on sickle-cell anemia, human diversity, the effect of early adverse experiences on development, and details about steroid versus protein hormones and neurotransmitters • Added information on Nodes of Ranvier, electrical and chemical synapses, PKU, and neural plasticity

Chapter 4	<ul style="list-style-type: none"> • More than 40 readability, reference, and data updates to text and figures, including removal of art and videos with inaccurate/out-of-date information on memory and sleep, REM deprivation, and the meaning of dreams • Corrected/reviewed Hz for theta, delta, and other waves • Clarified/revised information on sleep deprivation, sleep debt, sleep rebound, dolphin sleep, and alpha state and removed information on increased heart rate variability • Updated brain illustrations for scientific/ anatomical accuracy • Updated figure and text to note the change to three recognized stages of NREM sleep • Added information on activation-synthesis theory, adenosine, vaping, opioid/prescription pain medications addiction, and recreational marijuana • Added healthy sleep tips and connected information to college students' lives • Replaced art on drugs with a chart showing their effects on the body to increase accuracy/clarity of the information • Replaced information on crack with information on meth, removed text on ingestion of cocaine, updated information on needle placement and effects of heroin addiction • Expanded information on MDMA to clarify differences and similarities with other drugs
Chapter 5	<ul style="list-style-type: none"> • More than 25 readability and reference updates, including the removal of links to poor or missing videos • Added Hubel and Weisel to discussion of ethics in science and animal research, such as the testing of cosmetics on animals • Revision to descriptions of bottom-up/top-down processing and artwork for clarity • Revision of information on inattentional blindness for clarity • Removal/update of the analog clock example in the sensory adaptation section • Addition of information and artwork about hearing damage and color blindness • Revision to artwork that incorrectly shows even distribution of rods and cones
Chapter 6	<ul style="list-style-type: none"> • More than 50 readability, artwork, and reference updates/additions, including APA style updates • Revised presentation of media violence to include both sides • Added definition of <i>innate</i> and <i>radical behaviorists</i>, and information on the contributions of Robert Rescorla and John Garcia • Revised information about Pavlov's dogs experiments • Added a chemotherapy example to show stimulus generalization/stimulus discrimination • Removed the paragraph on habituation, as it is not classical

	<ul style="list-style-type: none"> conditioning Updated information on gambling Added real-world observational learning example
Chapter 7	<ul style="list-style-type: none"> More than 20 readability updates, including improving artwork clarity and corrections to exercises Artwork added to compare and contrast theories of intelligence Revisions to clarify the separation between the brain and the mind Revised <i>prototype</i> explanation to be simpler and have a more concrete example Revised example cited to better illustrate Sapir and Whorf study on thoughts and language, added classic Duncker study on functional fixedness Added a learning objective relating to creativity Added information on emotional intelligence, The Cattell-Horn-Carroll (CHC) Theory of Cognitive Abilities, controversies around IQ tests, the Flynn Effect, and dyscalculia Clarified information on learning disabilities
Chapter 8	<ul style="list-style-type: none"> More than 50 reference and readability updates, including precision in phrasing, clarity of artwork, and thoroughness of definitions Clarified distinction between working memory and short-term memory, expanded information Updated information on working memory processing capacity Removed information on Stroop task Added information on associative (semantic) networks and spaced/distributed practice Clarified information on implicit/explicit memory and declarative/non-declarative memory Brain artwork revised for scientific/anatomical accuracy Extended flashbulb memory example and related Dig Deeper feature to include a more recent one for students who do not remember 9/11. (9/11 remains included based on the available research on people's memory of the event, and to provide a discussion point and interaction among students of different ages.) Clarified information on elaborative rehearsal
Chapter 9	<ul style="list-style-type: none"> More than 30 reference and readability updates, including artwork revised for inclusivity Information added on Vygotsky Added coverage on adolescents' brain development Added learning objective to compare/contrast areas of adolescent development, revised text to ensure strengths/weaknesses of each theory are presented, and increased Bloom's taxonomy level of several other objectives Added connections among neuroconstructivism, neoconstructivism, and other concepts to the psychobiology chapter, specifically regarding genetic/environmental interaction

Chapter 10	<ul style="list-style-type: none"> • More than 50 reference, factual, and readability updates, including revising artwork for clarity/accuracy and fixing links • Added information on cultural differences in motivation, including touching on collectivistic culture • Added terms <i>pansexual</i> and <i>asexual</i> to discussion on sexual behavior, added information about nonbinary gendering, defined <i>intersex</i> • Replaced Chaz Bono reference with the more contemporary Laverne Cox and added information about transgender people's struggles and discrimination • Expanded introductory information to clarify an emotion's four parts, included Iris Mauss and Magda Arnold, Marañón, Lisa Feldman Barrett's theory of constructed emotion, Paul Ekman's research, and Amelia Aldao and emotional regulation • Updated the information on facial feedback hypothesis to include more recent research
Chapter 11	<ul style="list-style-type: none"> • More than 75 reference and readability updates, including changes in word choice for precision, updates reflecting the new APA edition, and the addition and revisions of artwork for clarity • Added information about control to the anal stage • Clarified Freud's theory with information about contemporaneous sociocultural understandings • Added examples of observational learning, information on how unmet needs influence personality, the HEXACO model, and personality differences between liberals and conservatives • Add advantages and disadvantages to using self-report and/or projective measures • Updated information on the marshmallow test, based on recent findings • Added a learning objective and information on the evolutionary perspective and David Buss's work on personality • Removed the outdated Connect the Concepts box on body type and temperament
Chapter 12	<ul style="list-style-type: none"> • More than 60 reference and readability updates, including clarifying/revising definitions, edits for precision in word choice, elimination of stereotyping, giving contemporary context for past monetary figures, and revision of art for clarity and inclusion • Included information on the halo effect, social traps, deindividuation, conflict resolution and Sharif's Robbers Cave experiment, superordinate goals, Masuda and Nisbett and other studies, group polarization, and justification of effort • Added Atatiana Jefferson to Trayvon Martin example of prejudice • Added learning objectives concerning actor/observer bias, self-serving bias, and the just world hypothesis • Eliminated a phone-buying example and expanding a car-buying

	<p>example to improve comparison</p> <ul style="list-style-type: none"> • Removed social facilitation section • Enhanced information on Karau and Williams' findings on social loafing, expanded information on ageism/generational stereotypes • Clarified the distinction between <i>groupthink</i> and <i>conformity</i> • Revised Kitty Genovese and social class stereotypes information • Fact-checked details on the Zimbardo prison experiment and revised as needed
Chapter 13	<ul style="list-style-type: none"> • More than 20 reference and readability updates, including efforts to condense and simplify wordy passages to be concise and crisp • Integrated information on occupational health psychology (OHP) and humanitarian work psychology (HWP) as well as followership • Updated Yahoo example with more contemporary information on flexible working arrangements, added information on different working environments • Added a table comparing fields in the I/O area of psychology and art to clarify KSAs • Explained time and motion studies that looked at personnel selection, training, and management styles • Expanded information on research since World War II • Added an example to illustrate hiring, from the company perspective
Chapter 14	<ul style="list-style-type: none"> • More than 40 reference and readability updates, including revisions to text and art to reflect diversity and for accuracy as well as for precision in word choice • Added information on test anxiety's effect on scores, cultural and diversity as related to health discrimination currently and historically, and the research of Carol A. Shively • Updated research to include social media, on stress and different demographics, on current understanding of the immune system, on money and happiness, and on the Cubs finally winning a World Series • Clarified the different types of headaches • Expanded on the complexity of adjusting to life at college • Revised the table on stressful occupations • Changed an example of a stressful situation from a term paper to the death of a loved one • Added information on ethics to Seligman's dog experiment and stressors faced by underrepresented people, such as discrimination and prejudice • Removed examples that may have been interpreted as victim blaming and added the importance of keeping discrimination from happening

Chapter 15	<ul style="list-style-type: none"> • More than 35 reference and readability updates, including precision of word choice, removal of binary gender reference and sexist example, accuracy of artwork, inclusion of more recent data/research, elimination of a generalization/absolute statement • Reorganized information on disorders for better flow of topics and moved the ADHD Dig Deeper box to the ADHD section • Added information on forensic psychology and an example of an acquittal by reason of insanity • Added research on incarcerated women • Expanded information on comorbidity in relation to co-occurring disorders and on the history of homosexuality being treated as a disorder • Clarified the distinction between antisocial personality disorder and psychopathy • Replaced the autism video
Chapter 16	<ul style="list-style-type: none"> • More than 70 reference and readability updates, including person-centric wording and APA style revisions • Updated statistics on the prevalence of mental illness • Added information on the effectiveness of antidepressants and psychotherapy and the drugs' side effects • Added B. F. Skinner's name to information on operant conditioning • Revised information on applied behavior analysis (ABA) and labeling in the antidepressants table • Revised an image of a child to an age that would be accurate for the topic of play therapy