

GLEN E. GETZ

# Applied BIOLOGICAL PSYCHOLOGY

Second Edition



# **Applied Biological Psychology**

**Nicky Hayes** 

# **Applied Biological Psychology:**

**Applied Biological Psychology** Glen Getz, 2014 Print CourseSmart Applied Biological Psychology Glen E. Getz, 2025-04-28 Learn how to apply neurobiology to real world practice moving beyond theory to understand brain based behavior in depth The second edition of Applied Biological Psychology explores neuroscientific discoveries like brain imaging genetics and cognitive studies to understand behaviors and their connections to psychiatric diagnoses. The first section of Applied Biological Psychology introduces students to foundational neuroscientific theory and research methods while the second section reviews literature on mood disorders anxiety disorders traumatic brain injuries and other diagnostic categories The textbook includes case examples and discussions of special topics and ethics to enhance understanding and emphasizes differences and commonalities across diagnoses Practical applications and ethical considerations in the second edition help bridge the gap between neuroscience theory and psychological practice Purchase includes online access via most mobile devices or computers New to the Second Edition Simplifies complex concepts with easy to understand language Explores psychiatric and medical diagnoses through a neurobiological lens Reviews symptom criteria for various diagnoses Presents treatment methods with neurobiological explanations that clarify effectiveness Tests knowledge with review questions that reinforce learning and encourage self assessment Summarizes key points at the end of each chapter for quick review and retention Key Features Discover the latest neuroscience research linking behaviors with neurobiological processes to better understand psychiatric disorders Examine expanded discussions on genetics and the role of cultural factors in shaping mental health and neurobiology Analyze real world case examples that connect theory to practice and enhance critical thinking Explore neurobiological and psychological impacts in a new chapter dedicated to topics in childhood maltreatment and trauma Visualize concepts with updated and newly added color images and drawings that enhance comprehension and retention of the material Applied Biological Psychology Glen E. Getz, 2014-02-10 Written for graduate students and trainees in mental health this is the only text to present neurobiology in the context of clinical issues rather than merely focusing on experimental approaches to biological psychology or structuring it along neurological systems In clear easily accessible language the text explains how the brain and nervous system are linked to mental disorders It integrates information from many aspects of neurobiological research including imaging neuropsychology and genetics in order to foster an in depth understanding of the psychiatric presentation of disorders that mental health professionals encounter in their practices To facilitate student learning and clarify the connection between neurobiological foundations and clinical presentation the text includes case studies cognitive data imaging results genetic testing results and illustrations It examines major psychological disorders from behavioral emotional biological cognitive and neurophysiological perspectives as they relate to brain structure and the major systems Special topic sections highlight ethical research and treatment concerns for mental health practitioners Each chapter concludes with summations and review questions Written for graduate

level students in clinical counseling and school psychology programs the text fulfills APA accreditation requirements for coursework in the biological bases of behavior While the text s primary aim is to help students understand neurobiological information as an important component of a therapeutic framework it also concisely addresses micro and macro anatomy as relates to neurobiology Also included are such supplementary teaching materials as test questions and PowerPoint slides of illustrations Key Features Focuses on the connection between neurobiology and clinical presentation Presents complex information clearly and concisely Highlights special topics in neurobiology ethics research and treatment Integrates information from imaging neuropsychology and genetics testing Prepares graduate students in clinical counseling and school psychology for professional practice An Introduction to Applied Behavioral Neuroscience Laura A. Freberg, 2022-05-11 An Introduction to Applied Behavioral Neuroscience explores the connection between neuroscience and multiple domains including psychological disorders forensics education consumer behavior economics leadership health and robotics and artificial intelligence The book ensures students have a solid foundation in the history of behavioral neuroscience its applicability to other facets of science and policy and a good understanding of major methodologies and their limitations to aiding critical thinking skills Written in a student friendly style it provides a highly accessible introduction to the major structural and functional features of the human nervous system It then discusses applications across a variety of areas in society including how behavioral neuroscience is used by the legal system in educational practice advertising economics leadership the development of and recovery from health challenges and in robotics Each of the application specific chapters present the problems that neuroscience is being asked to address the methods being used and the challenges and successes experienced by scholars and practitioners in each domain It is a must read for all advanced undergraduate and postgraduate students in biological psychology neuroscience and clinical psychology who want to know what neuroscience can really do to address real world problems An Introduction to Applied Behavioral Neuroscience Laura A Freberg, Taylor & Francis Group, 2022-05-03 An Introduction to Applied Behavioral Neuroscience explores the connection between neuroscience and multiple domains including psychological disorders forensics education consumer behavior economics leadership health and robotics and artificial intelligence The book ensures students have a solid foundation in the history of behavioral neuroscience its applicability to other facets of science and policy and a good understanding of major methodologies and their limitations to aid critical thinking skills Written in a student friendly style it provides a highly accessible introduction to the major structural and functional features of the human nervous system It then discusses applications across a variety of areas in society including how behavioral neuroscience is used by the legal system in educational practice advertising economics leadership the development of and recovery from health challenges and in robotics Each of the application specific chapters present the problems that neuroscience is being asked to address the methods being used and the challenges and successes experienced by scholars and practitioners in each domain It is a must

read for all advanced undergraduate and postgraduate students in biological psychology neuroscience and clinical psychology who want to know what neuroscience can really do to address real world problems Applied Psychology: Concepts and Applications Dr. T.M. Prashanth Kumar, 2024-12-06 Writing a book disciplines the mind of the writer as well as the reader A Text book will not be a needless addition even though quiet number of authors might have contributed to the wealth of literature Theories and Principles may not very much But perceptions and presentations do Student and teachers need exposure to multiple modes of presentation Therefore present Text book is intended for the B Ed and M Ed and the students of Education of different universities in India besides all those who have an interest in education this book exhaustively deals with various facets of Applied Psychology Concepts and Applications in a simple style Studyquide for Applied Biological Psychology by Getz, Glen E., ISBN 9780826109224 Cram101 Textbook Reviews, 2014-05-02 Never HIGHLIGHT a Book Again Includes all testable terms concepts persons places and events Cram101 Just the FACTS101 studyguides gives all of the outlines highlights and guizzes for your textbook with optional online comprehensive practice tests Only Cram101 is Textbook Specific Accompanies 9780826109224 This item is printed on demand Practice of Positive Neuropsychology K. Jayasankara Reddy, 2024-11-08 This pioneering work focuses on positive psychology and wellbeing from a neuropsychological perspective It bridges social emotional and psychological principles to explore the burgeoning field of positive neuropsychology Combining academic theory and clinical practice it delves into foundational principles assessments of neuro cognitive health evidence based interventions practical applications and real life case studies and the profound implications of positive neuropsychology in educational contexts At the intersection between neuropsychology and positive psychology this book advocates the recent shift toward recognizing the paramount importance of exploring the positive facets of neuropsychological functioning rather than the historical focus of neuropsychology on ameliorating cognitive deficits and addressing neurological disorders A must read for academics clinicians and students in neuropsychology clinical psychology and positive psychology this book is also invaluable for anyone interested in enhancing cognitive wellbeing and resilience **Mass Customization for Personalized Communication** Environments: Integrating Human Factors Mourlas, Constantinos, Germanakos, Panagiotis, 2009-10-31 This book focuses on the customization of services and communication environments to advance user satisfaction Provided by publisher Applied Psychology Nicky Hayes, 2001 Here's help understanding psychology at work in just about every area of life from traditional applications in educational and occupational psychology to cutting edge areas of the field such as space psychology and eco psychology Twenty different applications are covered in situations involving children teens adults and

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