

Pediatric Neuropsychology Second Edition Research Theory And Practice Science And Practice Of Neuropsychology

Revised edition of: Neuropsychological evaluation of the child, 2004.

Pediatric Life Care Planning and Case Management provides a comprehensive and unique reference that goes beyond the clinical discussion to include legal and financial aspects, life expectancy data, and assistive technology. It also includes case samples of actual plans related to specific conditions. The book is divided into five parts: Normal Growth and Development of Children describes the normal growth and development and the cognitive and psychosocial development of children. The Roles of the Life Care Plan Team details the roles of members of a life care plan team, from the pediatric care manager and life care planner to the children, the family, and the community. Disability Status offers guidelines for life care planning for children with a wide range of chronic health conditions and disabilities, including traumatic injuries and organ transplants. Forensic Considerations examines life care planning in legal cases, life expectancy issues, and life care plan foundation strategies and requirements. Special Issues discusses assistive technology, medical homes, funding sources, and ethical issues in caring for children with special needs—including a mother's perspective on caring for her son. With contributions from highly respected professionals, this text provides a guide for life care planners, health-care professionals, education specialists, insurance decision makers, attorneys, and families who work with children with special health-care needs.

During the past decade, significant advances have been made in the field of neurodevelopmental disorders, resulting in a considerable impact on conceptualization, diagnosis, and practice. The second edition of Child Neuropsychology: Assessment and Interventions for Neurodevelopmental Disorders brings readers up to speed clearly and authoritatively, offering the latest information on neuroimaging technologies, individual disorders, and effective treatment of children and adolescents. Starting with the basics of clinical child neuropsychology and functional anatomy, the authors present a transactional framework for assessment, diagnosis, and intervention. The book carefully links structure and function—and behavioral and biological science—for a more nuanced understanding of brain development and of pathologies as varied as pervasive developmental disorders, learning disabilities, neuromotor dysfunction, seizure disorders, and childhood cancers. This volume features a range of salient features valuable to students as well as novice and seasoned practitioners alike, including: Overview chapters that discuss the effects of biogenic and environmental factors on neurological functioning. New emphasis on multicultural/cross-cultural aspects of neuropsychology and assessment. Brand new chapters on interpretation, neuropsychological assessment process, and report writing. An integrative model of neurological, neuroanatomical, and psychological assessment and diagnosis. Balanced coverage of behavioral, pharmacological, and educational approaches to treatment. Case studies illustrating typical and distinctive presentations and successful diagnosis, treatment planning, and intervention. Important practice updates, including the new HIPAA regulations. Child Neuropsychology, 2nd Edition, is vital reading for school, clinical child, and counseling psychologists as well as neuropsychologists. The book also provides rich background and practical material for graduate students entering these fields.

Introducing Neuropsychology, Second Edition, explores the functions of the brain and explores the relationships between brain systems and human behaviour. The material is presented in a jargon-free, easy to understand manner and aims to guide students new to the field through current areas of research. Following a brief history of the discipline and a description of methods in neuropsychology, the remaining chapters review traditional and recent research findings. Both cognitive and clinical aspects of neuropsychology are addressed to illustrate the advances scientists are making (on many fronts) in their quest to understand brain-behaviour relationships in both normal and disturbed functioning. The rapid developments in neuropsychology and cognitive neuroscience resulting from traditional research methods as well as new brain-imaging techniques are presented in a clear and straightforward way. Each chapter has been fully revised and updated and new brain-imaging data are incorporated throughout, especially in the later chapters on Emotion and Motivation, and Executive Functions. As in the first edition, key topics are dealt with in separate focus boxes, and “interim comment” sections allow the reader a chance to “take stock” at regular intervals. The book assumes no particular expertise on the reader’s part in either psychology or brain physiology. Thus, it will be of great interest not only to those studying neuropsychology and cognitive neuroscience, but also to medical and nursing students, and indeed anyone who is interested in learning about recent progress in understanding brain-behaviour relationships.

Diagnosing Learning Disorders, Second Edition

Clinical Neuropsychology

Comprehensive Clinical Psychology

From the Exceptional to the Commonplace

Fractured Minds

Child Neuropsychology

The pediatric neurological evaluation is explained, with an emphasis on the neurobehavioral perspective, and a valuable framework for conducting a pediatric neuropsychological evaluation is given, from initial patient contact through assessment, interpretation, and report writing. Recommendations on how to obtain the best samples of behavior are also described.

The first edition of the Textbook of Clinical Neuropsychology set a new standard in the field in its scope, breadth, and scholarship. The second edition comprises authoritative chapters that will both enlighten and challenge readers from across allied fields of neuroscience, whether novice, mid-level, or senior-level professionals. It will familiarize the young trainee through to the accomplished professional with fundamentals of the science of neuropsychology and its vast body of research, considering the field's historical underpinnings, its evolving practice and research methods, the application of science to informed practice, and recent developments and relevant cutting edge work. Its precise commentary recognizes obstacles that remain in our clinical and research endeavors and emphasizes the prolific innovations in interventional techniques that serve the field's ultimate aim: to better understand brain-behavior relationships and facilitate adaptive functional competence in patients. The second edition contains 50 new and completely revised chapters written by some of the profession's most recognized and prominent scholar-clinicians, broadening the scope of coverage of the ever expanding field of neuropsychology and its relationship to related neuroscientific and psychological practice domains. It is a natural evolution of what has become a comprehensive reference textbook for neuropsychology practitioners.

Casebook of Clinical Neuropsychology features actual clinical neuropsychological cases drawn from leading experts' files. Each chapter represents a different case completed by a different expert. Cases cover the lifespan from child, to adult, to geriatric, and the types of cases will represent a broad spectrum of prototypical cases of well-known and well-documented disorders as well as some rarer disorders. Chapter authors were specifically chosen for their expertise with particular disorders. When a practitioner is going to see a child or an adult with "X" problem, they can turn to the "case" and find up to date critical information to help them understand the issues related to the diagnosis, a brief synopsis of the literature, the patient's symptom presentation, the evaluation including neuropsychological test results and other results from consultants, along with treatments and recommendations. Clinical cases represent a long-established tradition as a teaching vehicle in the clinical sciences, most prominently in medicine and psychology. Case studies provide the student with actual clinical material - data in the form of observations of the patient, examination/test data, relevant history, and related test results - all of which must be integrated into a diagnostic conclusion and ultimately provide the patient with appropriate recommendations. Critical to this educational/heuristic process is the opportunity for the reader to view the thought processes of the clinician that resulted in the conclusions and recommendations offered. With the science of the disorder as the foundation of this process, readers learn how the integration of multiple sources of data furthers critical thinking skills.

Pediatric Neuropsychology, Second EditionResearch, Theory, and PracticeGuilford Press

Handbook of Neurodevelopmental and Genetic Disorders in Children, 2/e

Reliability and Validity in Neuropsychological Assessment

Science and Practice, I

Assessment and Interventions for Neurodevelopmental Disorders, 2nd Edition

Introducing Neuropsychology

Handbook of Clinical Child Neuropsychology

Neuropsychological Evaluation of the Child: Domains, Methods, and Case Studies, Second Edition, is an updated and expanded desk reference that retains the first edition's organizational structure, strong practical focus, and lifespan developmental perspective. It is a unique compilation of published and unpublished pediatric neuropsychological test normative data that contains extensive discussion of assessment methods and case formulation. Added for the first time are instructive clinical case vignettes that explicate brain-behavior relationships in youth, from preschool-age through adolescence. These cases illustrate immediate and late effects that result from common and rare medical diseases and psychological disorders, and highlight key issues that arise when examining a child's maturational trajectory and brain-behavioral relationships using convergence profile analysis. Part I, Child Neuropsychology: Current Status, contains four introductory chapters regarding definitions, education and training, and professional roles; reasons for referral; typical and atypical brain development; and clinical practice considerations. In Part II, Clinical Issues, discussion covers the procedural steps of neuropsychological assessment, behavioral assessment techniques, observational data, and oral and written communication of results. These chapters are followed in Part III, Domains and Tests, by extended coverage of topics and tests related to the major neuropsychological domains: intelligence, executive function, attention and processing speed, language, motor and sensory-perceptual function, visuospatial, visuospatial and visuoconstructional function, and learning and memory. A final chapter addresses deception in childhood, reasons why a child might reduce effort and invalidate assessment, and the use of performance validity tests, symptom validity tests, and embedded validity indicators to assess noncredible effort. Each of the 16 chapters includes definitions, theoretical concepts, models, and assessment techniques that are essential knowledge for clinical and research pediatric neuropsychologists. Informative reference and text on the relationship between brain health and behavior in children and adolescents, this volume is now in a third edition with 75% new material, including major updates throughout and numerous new chapters. Leading experts provide a neuropsychological perspective on medical, neurological, genetic, and developmental disorders that are frequently seen in clinical practice. The volume examines the impact of each condition on the developing brain; explores associated cognitive, behavioral, and psychosocial impairments; and shows how the science translates into achieving better outcomes for children. New to This Edition *Reflects 12 years of significant research advances and the expanding role of pediatric neuropsychologists; increased attention to evidence-based intervention throughout. *Chapters on additional medical and neurodevelopmental conditions: pediatric stroke, congenital heart disease, type 1 diabetes, and movement disorders. *Section on genetic disorders: fragile X, Williams syndrome, 22q11.2 deletion syndrome, and Down syndrome. *Section on emergent and controversial conditions: nonverbal learning disabilities, dysexecutive syndrome, pediatric acute-onset neuropsychiatric syndrome, and sluggish cognitive tempo.

A concise, up-to-date review of school neuropsychological assessment that covers effective treatment planning The third edition of Essentials of School Neuropsychological Assessment offers a practical and concise overview of neuropsychological practice in schools and other pediatric clinical settings and clearly explains how to identify the need for testing. The book shows how to collect a neurodevelopmental history, choose appropriate assessment instruments, effectively evaluate students, and accurately interpret results. The third edition has been revised and updated to include the most recent advances in the field such as major neuropsychological test batteries for children, including NEPSY-II, Wechsler Intelligence Scale for Children, Fifth Edition integrated, and Dells-Kaplan Executive Function System. In addition, the new edition contains updated online tools, including sample case studies, searchable databases of neuropsychological tests classified by processing area and conceptual model, a neuropsychological processing concerns checklist in both English and Spanish, and sample report shells with tables. Like all the volumes in the Essentials of Psychological Assessment series, this book is designed to help busy practitioners and school psychologists quickly acquire the knowledge and skills they need to make optimal use of major psychological assessment instruments. Each concise chapter features numerous callout boxes highlighting key concepts, bulleted points, and extensive illustrative material, as well as test questions that help you gauge and reinforce your grasp of the information covered. Essentials of School Neuropsychological Assessment, Third Edition contains unmatched guidance and direction for school psychologists and other mental health professionals who serve educators, school children, and their families.

This book has been replaced by Diagnosing Learning Disorders, Third Edition, ISBN 978-1-4625-3791-4.

Pediatric Life Care Planning and Case Management, Second Edition

Best Practices in School Neuropsychology

Neuropsychological Evaluation of the Child

Physician's Field Guide to Neuropsychology

Handbook of Child Language Disorders

Pediatric Neuropsychology

In the recent literature, the most influential case study books in neuropsychology are in the adult realm. Pediatric neuropsychology is a rapidly developing field with increasingly greater influence in the assessment, diagnosis, early identification, and treatment of childhood illnesses. This book will provide the first centralized, comprehensive resource for case studies in pediatric neuropsychology. Not only will this supply a valuable compilation for the growing numbers of professionals in this field, but will also serve as an innovative and appealing resource for therapists, teachers, and others interested in child development. This book will be structured in such a way that readers can easily access individual cases of interest, as well as related areas of dysfunction. Section breakdowns will be provided in order to highlight the combined focus of case presentations in acquired neuropsychological dysfunction as well as developmental disorders. Each section will begin with an introductory chapter, highlighting the salient feature of the concept and providing brief, up to date reviews of the current research and theories. Within each global section, individual case studies will serve as stand-alone chapters. Contributing authors will be provided extensive guidance and coaching with regards to the standard format and information to be included in each chapter. The first section of this book will present cases involving neurological disorders. The intention of this section is to provide not only “classic” examples of neurological dysfunction in children, but also to provide interesting cases of unique or remarkable presentations. The second section will present an accumulation of cases representing both common and progressive conceptualizations of developmental disabilities. Section three has been designed to highlight cases which often present complex issues to neuropsychologists. The case examples in this section will highlight the use of alternative treatments, pathologies that are often a source of inquiry, and situations that lack the more rigorous scientific data often utilized in other diagnostic procedures. Additionally, this section may include chapters on common differential diagnosis dilemmas in clinical practice. Often multifaceted and even contradictory evidence can arise during evaluations, resulting in complex or problematic situations for the clinician. Such examples are difficult, by their nature, to forecast, but rather would be added during the book’s development, as they occur.

The past decade has brought important advances in our understanding of the brain, particularly its influence on the behavior, emotions, and personality of children and adolescents. In the tradition of its predecessors, the third edition of the Handbook of Clinical Child Neuropsychology enhances this understanding by emphasizing current best practice, up-to-date science, and emerging theoretical trends for a comprehensive review of the field. Along with the Handbook’s impressive coverage of normal development, pathology, and professional issues, brand-new chapters highlight critical topics in assessment, diagnostic, and treatment, including, The role and prevalence of brain dysfunction in ADHD, conduct disorder, the autistic spectrum, and other childhood disorders; The neuropsychology of learning disabilities; Assessment of Spanish-speaking children and youth; Using the PASS (planning, attention, simultaneous, successive) theory in neurological assessment; Forensic child neuropsychology; Interventions for pediatric coma. With singular range, timeliness, and clarity, the newly updated Handbook of Clinical Child Neuropsychology reflects and addresses the ongoing concerns of practitioners as diverse as neuropsychologists, neurologists, clinical psychologists, pediatricians, and physical and speech-language therapists.

*The go-to resource for clinical and forensic practice has now been significantly revised with 85% new material, reflecting the tremendous growth of the field. Leading authorities synthesize the state of the science on symptom feigning in cognitive testing and present evidence-based recommendations for distinguishing between credible and noncredible performance. A wide range of performance validity tests (PVTs) and symptom validity tests (SVTs) are critically reviewed and guidelines provided for applying them across differing cognitive domains and medical, neurological, and psychiatric conditions. The book also covers validity testing in forensic settings and with particular populations, such as ethnic and linguistic minority group members. New to This Edition *Numerous new authors, a greatly expanded range of topics, and the latest data throughout. **Clinical primer” chapter on how to select and interpret appropriate PVTs. *Chapters on methods for validity testing in visual-spatial, processing speed, and language domains and with cognitive screening instruments and personality inventories. *Chapter on methods for interpreting multiple PVTs in combination. *Chapters on additional populations (military personnel, children and adolescents) and clinical problems (dementia, somatoform/conversion disorder). *Chapters on research methods for validating PVTs, base rates of feigned mild traumatic brain injury, and more.*

This fully updated edition of Developmental Neuropsychology: A Clinical Approach addresses key issues in child neuropsychology with a unique emphasis on evidence-informed clinical practice rather than research issues. Although research findings are presented, they are described with emphasis on what is relevant for assessment, treatment and management of paediatric conditions. The authors focus on a number of areas. First, the text examines the natural history of childhood central nervous system (CNS) insult, highlighting studies where children have been followed over time to determine the impact of injury on ongoing development. Second, processes of normal and abnormal cerebral and cognitive development are outlined and the concepts of brain plasticity and the impact of early CNS insult discussed. Third, using a number of common childhood CNS disorders as examples, the authors develop a model which describes the complex interaction among biological, psychosocial and cognitive factors in the brain-injured child. Finally, principles of evidence-based assessment, diagnosis and intervention are discussed. The text will be of use on advanced undergraduate courses in developmental neuropsychology, postgraduate clinical training programmes and for professionals working with children in clinical psychology, clinical neuropsychology and educational and rehabilitation contexts. The text is also an important reference for those working in paediatric research.

From Theory to Practice

Explaining Abnormal Behavior

Essentials of School Neuropsychological Assessment

Administration, Norms, and Commentary

Casebook Through Case Study

A Case-Study Approach to Clinical Neuropsychology

"This book brings together excellent contributions spanning the historic basis of neuropsychology in forensic practice, ethical and legal issues, and practical instruction....The editors have done an outstanding job in providing us with a volume that represents state-of-the-art in forensic neuropsychology. This volume also will be useful for graduate students, fellows, and practitioners in clinical neuropsychology." --Igor Grant, MD, Executive Vice Chair, UCSD Department of Psychiatry This book serves as an updated authoritative contemporary reference work intended for use by forensic neuropsychologists, psychiatrists, neurologists, neurosurgeons, pediatricians, attorneys, judges, law students, police officers, special educators, and clinical and school psychologists, among other professionals. This book discusses the foundations of forensic neuropsychology, ethical/legal issues, practice issues and special areas and populations. Key topics discussed include the principles of brain structure and function, history of clinical neuropsychology, neuropsychology of intelligence, normative and scaling issues, and symptom validity testing and neuroimaging. Special areas and populations will include disability and fitness for duty evaluations, aging and dementia, children and adolescents, autism spectrum disorders, substance abuse, and Neurotoxicology. A concluding section focuses on the future of forensic neuropsychology.

"Neuropsychologists consult in diverse health care settings, such as emergency care, oncology, infectious disease, cardiology, neurosurgy, and psychiatry. A pocket reference is a critical resource for interns, postdoctoral fellows, and practicing clinicians alike. With over 100 quick-reference tables, lists, diagrams, photos, and decision trees, this handbook offers guidance through the complicated work of assessment, diagnosis, and treatment. This new edition of Clinical Neuropsychology builds on the success of the best-selling first edition by adding information on how to use and interpret cutting-edge neuroimaging technologies and how to integrate pharmacological approaches into treatment. The reader will also find new chapters on neuro-oncology, schizophrenia, late-life depression, and adult attention-deficit/hyperactivity disorder"--Cover.

Minimizing the patient's medical needs and test results to providing them meaning, the neuropsychological evaluation incorporates the science and practice of neuropsychology, neurology, and psychological sciences. The Little Black Book of Neuropsychology brings the practice and use of neuropsychology into concise step-by-step focus--without skimping on scientific quality. This one-of-a-kind assessment reference complements standard textbooks by outlining signs, symptoms, and complaints according to neuropsychological domain (such as memory, language, or executive function), with descriptions of the patient's deficits involved, inpatient and outpatient assessment methods, and possible etiologies. Additional chapters offer a more traditional approach to evaluation, discussing specific neurological disorders and diseases in terms of their clinical features, neuroanatomical correlates, and assessment and treatment considerations. Chapters in psychometrics provide for initial understanding of brain-behavior interpretation as well as more advanced practicals for neuropsychology practice including new diagnostic concepts and analysis of change in performance over time. For the trainee, beginning clinician or seasoned expert, this user-friendly presentation incorporating "quick reference guides" throughout which will add to the practice-amentarium of beginning and seasoned clinicians alike. Key features of The Black Book of Neuropsychology: Concise framework for understanding the neuropsychological referral. Symptoms/syndromes presented in a handy outline format, with dozens of charts and tables. Review of basic neurobehavioral examination procedure. Attention to professional issues, including advances in psychometrics and diagnoses, including tables for reliable change for many commonly used tests. Special "Writing Reports like You Mean It" section and guidelines for answering referral questions. Includes appendices of practical information, including neuropsychological formulary. The Little Black Book of Neuropsychology is an indispensable resource for the range of practitioners and scientists interested in brain-behavior relationships. Particular emphasis is provided for trainees in neuropsychology and neuropsychologists. However, the easy to use format and concise presentation is likely to be of particular value to interns, residents, and fellows studying neurology, neurological surgery, psychiatry, and nurses. Finally, teachers of neuropsychological and neurological assessment may also find this book useful as a classroom text. "There is no other book in the field that covers the scope of material that is inside this comprehensive text. The work might be best summed up as being a clinical neuropsychology postdoctoral residency in a book, with the most up to date information available, so that it is also an indispensable book for practicing neuropsychologists in addition to students and residents...There is really no book like this available today. It skillfully brings together the most important foundations of clinical neuropsychology with the nuts and bolts of every facet of assessment. It also reminds the more weathered neuropsychologists among us of the essential value of neuropsychological assessment...the impact of the disease on the patient's cognitive functioning and behavior may only be objectively quantified through a neuropsychological assessment." Arch Clin Neuropsychol (2011) first published online June 13, 2011 Read the full review acn.oxfordjournals.org

In through revision of Human Developmental Neuropsychology, this book is the most detailed and complete overview of child neuropsychology available today. It begins with a brief introduction to the nervous system, including an up-to-date review of theories of lateralization and sex differences. The second part presents a discussion of newborn and infant assessment, critical periods, disconnection syndromes and other relevant issues in developmental neuropsychology. The next section deals with disorders of development, such as anxiety, malnutrition and head trauma, in detail. The final part offers a comprehensive discussion of functional disturbances, including neurological soft signs, attentional disorders, language disorders, and emotional and behavioral disorders. New to this edition are a chapter on newborn and infant assessment and a chapter on cognitive development in relation to brain functions. The text also includes new information on attentional syndromes, infant HIV infection and Tourette's syndrome, among many other topics.

Guidelines for Effective Practice, Assessment, and Evidence-Based Intervention

Domains, Methods, and Case Studies

Clinician's Guide To Neuropsychological Assessment

Assessment of Feigned Cognitive Impairment, Second Edition

A Neuropsychological Framework

Pediatric Neuropsychology, Second Edition

Fractured Minds introduces the reader to clinical neuropsychology through vivid case descriptions of adults who have suffered brain damage. At one level, this is a book about the courage, humor, and determination to triumph over illness and disability that many “ordinary people” demonstrate when coping with the extraordinary stress of a brain disorder. On another level, it is a well-referenced and up-to-date textbook that provides a holistic view of the practice of clinical neuropsychology. Included are reader-friendly descriptions and explanations of a wide range of neurological disorders and neuroscientific concepts. Two introductory chapters are followed by 17 chapters that each focus on a specific disorder and include research, clinical assessment, rehabilitation, and a detailed case study. Disorders range across the full spectrum from common ones such as traumatic brain injury and dementia, to rare disorders such as autopathognia. Each of the 16 chapters retained from the first edition has been revised to reflect current research and clinical advances. Three new chapters on multiple sclerosis, Parkinson's disease, and Huntington's disease incorporate discussion of important current topics such as genetically-transmitted diseases, genetic counseling, gene transplantation, functional neurosurgery, and the complex ethical issues that go hand-in-hand with these new techniques. This informative and engaging book will be of interest to students of clinical psychology, neuropsychology, and neurology, health professionals who work with neurological patients, neurological patients and their families, and lay readers who are simply fascinated by the mind and brain.

Presenting cutting-edge work on the brain systems involved in key domains of neuropsychological functioning, Pennington sheds light on acquired neurological disorders like aphasia and amnesia, as well as the development of such conditions as schizophrenia, depression, dyslexia, autism and intellectual disability. (Psychology)

Designed to serve as a guidebook that provides a comprehensive overview of the essential aspects of neuropsychological assessment practice. Also intended as a comprehensive sourcebook of critical reviews of major neuropsychological assessment tools for the use by practicing clinicians and researchers. Written in a comprehensive, easy-to-read reference format, and based on exhaustive review of research literature in neuropsychology, neurology, psychology, and related disciplines, the book covers topics such as basic aspects of neuropsychological assessment as well as the theoretical background, norms, and the utility, reliability, and validity of neuropsychological tests.

Neuropsychological assessment is a difficult and complicated process. Often, experienced clinicians as well as trainees and students gloss over fundamental problems or fail to consider potential sources of error. Since formal test data on the surface appear unambiguous and objective, they may fall into the habit of overemphasizing tests and their scores and underemphasizing all the factors that affect the validity, reliability, and interpretability of test data. But interpretation is far from straightforward, and a pragmatic application of assessment results requires attention to a multitude of issues. This long-awaited, updated, and greatly expanded second edition of the Clinician's Guide to Neuropsychological Assessment, like the first, focuses on the clinical practice of neuropsychology. Orienting readers to the entire multitude of issues, it guides them step by step through evaluation and helps them avoid common misconceptions, mistakes, and methodological pitfalls. It is divided into three sections: fundamental elements of the assessment process; special issues, settings, and populations; and new approaches and methodologies. The authors, all of whom are actively engaged in the clinical practice of neuropsychological assessment, as well as in teaching and research, do an outstanding job of integrating the academic and the practical. The Clinician's Guide to Neuropsychological Assessment, Second Edition will be welcomed as a text for graduate courses but also as an invaluable hands-on handbook for interns, postdoctoral fellows, and experienced neuropsychologists alike. No other book offers its combination of breadth across batteries and approaches, depth, and practicality.

Domains, Methods, & Case Studies

Developmental Neuropsychology

Pediatric Neuropsychology, Third Edition

Handbook of Forensic Neuropsychology, Second Edition

A Syndrome-Based Approach

Neuropsychology of Everyday Functioning

A definitive reference--now extensively revised with 70% new material--this book presents cutting-edge knowledge on how learning disorders develop and how to diagnose and treat them effectively. In addition to dyslexia and mathematics disabilities, the book covers speech and language disorders, attention-deficit/hyperactivity disorder, autism spectrum disorder, and intellectual disability. Accessibly written, it is grounded in genetics, neuroscience, and developmental neuropsychology. Clinicians and educators are guided to make sense of children's impairments and strengths and make sound diagnostic decisions. Best practices in intervention are reviewed. User-friendly features include case examples and summary tables in each disorder-specific chapter. New to This Edition *Revised throughout to reflect major theoretical, empirical, and technological advances. *Chapters on etiology, brain development, and comorbidity. *Chapters on DSM-5 diagnosis of specific learning disorder, evidence-based assessment, and achievement gaps.

This comprehensive textbook provides an up-to-date and accessible account of the theories that seek to explain the complex relationship between brain and behaviour. Drawing on the latest research findings from the disciplines of neuropsychology, neuroscience, cognitive neuroscience and cognitive neuropsychology, the author provides contemporary models of neuropsychological processes. The book provides a fresh perspective that takes into account the modern advances of functional neuroimaging and other new research techniques. The emphasis at all times is on bridging the gap between theory and practice - discussion of theoretical models is framed in a clinical context and the author makes frequent use of case studies to illustrate the clinical context. There is coverage of the neuropsychology of disorders associated with areas such as perception, attention, memory and language, emotion, and movement. A third-generation text, this book uniquely aims to integrate these different areas by describing the common influences of these functions. Following on from this there is information on the clinical management of patients in the area of recovery and rehabilitation. These last chapters focus on the author's own experience and illustrate the importance of a more systematic approach to intervention, which takes into account theoretical views of recovery from brain damage. Neuropsychology: From Theory to Practice is the first comprehensive textbook to cover research from all disciplines committed to understanding neuropsychology. It will provide a valuable resource for students, professionals and clinicians.

Minority and cross-cultural research are guided to make sense of children's impairments and strengths in our diverse world. Gives the dramatic local and global changes occurring daily with regard to demographics, population changes, and immigration issues, minority and cross-cultural psychology is fast becoming a respected and critical area of scientific study. Pair that with the fact that people of all cultures and racial groups are living longer and experiencing age-related diseases and disorders, one can easily see the need for additional work on issues related to neuropsychological assessment. This new edition brings to the forefront recent developments by seasoned experts in the field. They offer up their newest projects in minority and cross-cultural aspects of neuropsychological assessment and are joined by new, up-and-coming professionals across a wide array of disciplines including psychology, medicine, and neuropsychology. Like the first edition, this updated collection sheds light on the ever-growing need for adequate neuropsychological assessment to a wider subset of individuals, crossing many cultural and minority barriers in the process. Continuously pushing the boundaries of neuropsychological assessment, this collection is essential reading for cognitive and clinical psychologists, and neuropsychologists, and a model text for advanced courses dealing with minority and cross-cultural issues.

No other book reviews clinical neuropsychological assessment from an empirical, psychometric perspective. In this completely revised and updated 2nd edition, the concepts and methods of psychometric neuropsychology are presented as a framework by which to evaluate current instruments. Newer methodologies and statistical techniques are discussed, such as meta analysis, effect size, confirming factor analysis and ecological validity. The explosion of research in this area since the publication of the first edition in 1989, has been incorporated, adding a greatly expanded chapter on child assessment instruments. This volume is a must for the bookshelf of every clinical neuropsychologist as well as researchers and students. Anyone conducting forensic evaluations will especially find useful the information on reliability and validity when preparing for court appearances.

Enduring and Emerging Trends

A Compendium of Neuropsychological Tests

A Cognitive Neuroscience Perspective

Pediatric Neuropsychology Case Studies

Textbook of Clinical Neuropsychology

Casebook of Clinical Neuropsychology

This volume updates the reader about historical and current medical care for both common and rare pediatric medical conditions/disorders, and neuropsychological outcomes for children once unlikely to survive or overcome associated adverse effects of their condition.

Focusing on applied and clinical examples, the Second Edition of PRINCIPLES OF NEUROPSYCHOLOGY is an exciting and dynamic approach to neuropsychology that should inspire both students and teachers. This progressive and accessible text teaches brain function in a clear and interesting manner by providing the most recent studies and research available in this ever-developing field. Applying the underlying thesis that all interactions in daily life, whether adaptive or maladaptive, can be explained neuropsychologically, the authors emphasize five specific ideas: human neuropsychology-both experimental and clinical, integration of theory and research, coverage of the relationship between neuroscience and behavioral function, real-life examples, and the presentation of didactic aids. Integrating these themes with the most up-to-date research provides all readers-whether or not they have had previous exposure to the field-with the most current and accessible text available. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

This volume brings together well-known experts to present recent advances in the neuropsychological assessment of key, real-world capacities: the ability to live independently, work, manage medications, and drive a car.

The most comprehensive, authoritative reference of its kind, this acclaimed work examines a wide range of acquired, congenital, and developmental brain disorders and their impact on children's neuropsychological functioning. Leading experts present state-of-the-art knowledge about how each condition affects the developing brain; the nature and severity of associated cognitive, behavioral, and psychosocial impairments; and effective approaches to clinical evaluation and treatment planning. New to This Edition *Reflects significant scientific advances. *An additional coeditor, Bruce F. Pennington. *Chapters on math, reading, and language disabilities; attention-deficit/hyperactivity disorder; autism; and intellectual disabilities. *Medical disorders not covered in prior edition: acute disseminated encephalomyelitis and multiple sclerosis; tuberous sclerosis; childhood stroke; and fetal alcohol syndrome.

***A chapter on evidence-based neuropsychological interventions.**

Pediatric Neuropsychology in the Medical Setting

Research, Theory, and Practice

Diagnosing Learning Disorders, Third Edition

2nd Edition

The Little Black Book of Neuropsychology

The Handbook of Child Language Disorders provides an in-depth, comprehensive, and state-of-the-art review of current research concerning the nature, assessment, and remediation of language disorders in children. The book includes chapters focusing on specific groups of childhood disorders (SLI, autism, genetic syndromes, dyslexia, hearing impairment); the linguistic, perceptual, genetic, neurobiological, and cognitive bases of these disorders; and the context of language disorders (bilingual, across dialects, and across languages). To examine the nature of deficits, their assessment and remediation across populations, chapters address the main components of language (morphology, syntax, semantics, and pragmatics) and related areas (processing, memory, attention, executive function such as reading and writing). Finally, even though there is extensive information regarding research and clinical methods in each chapter, there are individual chapters that focus directly on research methods. This Handbook is a comprehensive reference source for clinicians and researchers and can be used as a textbook for undergraduate, masters, and doctoral students in speech-language pathology, developmental psychology, special education, disabilities studies, neuropsychology and in other fields interested in children's language disorders.

Recognized as the definitive reference in the field, this book addresses a broad range of biologically based disorders that affect children's learning and development. Leading authorities review the genetics of each disorder; its course and outcome; associated developmental, cognitive, and psychosocial challenges; and what clinicians and educators need to know about effective approaches to assessment and intervention. Coverage encompasses more frequently diagnosed learning and behavior problems with a genetic component as well as numerous lower-incidence neurodevelopmental disabilities. Illustrations include 12 color plates.

Neuropsychology: Science and Practice, Volume 1 is the first publication to provide a critical summary of the recent literature in the science and practice of clinical neuropsychology. The reviews and commentaries are provided by experts in their field of interest, and will offer the readership a scholarly summary of the current research, commentary on the contributions of the work to neuropsychology, and recommendations regarding the direction of future investigations. This volume, and those to follow, is conceptually related to the Annual Reviews in the biological, physical and social sciences. The Annual Reviews have a long history of surveying and reporting on the literature relevant to their disciplines, their practice and research. Although a young science, Neuropsychology Science and Practice I will take its place among the more established reviews for the dissemination of the important literature relevant to neuropsychology. The chapter authors have been selected for their previous contributions to the literature they now review, their presentations and workshops in professional meetings, and the recognition they have attained from their peers for their contributions to the advancement of the science and practice of clinical neuropsychology. The chapters in this Volume hold interest to disciplines other than neuropsychology. There will be interest in this book for those with interest in the functions of the brain, their development and their relation to behavior in health and disease, the afflictions that alter normal functioning, and the remedial interventions that mitigate their effects. Chapters in Neuropsychology Science and Practice I have relevance for investigators in Behavioral Neurology, Neuropsychiatry, Forensic Practice, Language Specialists, and Cognitive Therapists, among other disciplines. An important readership exists in foreign countries where the opportunities to survey the literature is limited. To all readers, the compilation of information to be found in Neuropsychology Practice and Science I cannot be replaced by an individual search through the generous number of publications that now appear. This volume, and those to follow, will provide the reader with an overview of the current work in the diverse fields of expertise in clinical neuropsychology that may otherwise not be possible.

The latest edition of the gold standard in school neuropsychology references In the newly revised Second Edition of Best Practices in School Neuropsychology: Guidelines for Effective Practice, Assessment, and Evidence-Based Intervention, a team of psychological experts delivers a thoroughly updated treatment of modern issues and challenges in school neuropsychology. The editors provide comprehensive discussions of current assessment and intervention models, best practices in assessing cognitive processes, and the important task of collaborating with parents, educators, and other professionals. This latest edition includes: Explorations of the unique challenges posed by working with culturally diverse student populations Clinical advice for learning specialists and neuropsychologists engaged with special populations and students with academic disabilities, processing deficits, or medical disorders New chapters on assessment and intervention with children suffering from trauma or substance abuse Perfect for psychologists, neuropsychologists, clinicians, and academics working in or studying school environments, Best Practices in School Neuropsychology is a must-read reference for practitioners working with children and students who seek a one-stop reference for evidence-informed assessment and intervention guidelines.

From Science to Practice

Neuropsychology

Minority and Cross-Cultural Aspects of Neuropsychological Assessment

Principles of Neuropsychology

A Pocket Handbook for Assessment

A Clinical Approach

Comprehensive Clinical Psychology, Second Edition brings together important information in the field, making this reference a current state-of-the-art of contemporary research and discussion. The book covers foundational history, professional and training issues, clinical research considerations and methods, assessments and treatments for clinical conditions experienced across the lifespan, clinical considerations for diverse populations, and emerging trends and future directions. In addition, this new release focuses on key areas, such as the emergence of new professional and training issues, new research and statistical approaches to clinical psychology, changes to the manner in which various mental health conditions are conceptualized, and more. Readers will find this to be an ideal, one-stop, comprehensive resource in clinical psychology that is thoroughly modernized to include all recent advances in the field. Provides an update to this much-loved classic reference work with all the scientific advances of the past 20 years Presents comprehensive and authoritative articles on all aspects of clinical psychology Offers readers a 'one-stop' resource for access to a wealth of information that will fully support their research and activities Written by leading experts in psychology across the globe, thus ensuring the knowledge within is easily understood by, and applicable to, a large audience

This unique volume teaches those in the medical fields about the scientific value of neuropsychology in assessing cognition, the 6th vital sign, as part of well integrated collaborative care. It offers physicians a comprehensive tour of the many dimensions neuropsychology can add to primary and specialized medical care across the lifespan. Noted experts examine cognitive ramifications of a wide range of medical, psychological, and neuropsychological conditions, among them brain tumors, stroke, epilepsy, pediatric and adult TBI, schizophrenia, and adult ADHD. The book's generous selection of case examples demonstrates the benefits of cognitive assessment in building accurate diagnoses, better understanding of patient needs, and more appropriate treatment and management strategies, as well as other neuropsychologist roles in consulting, referral, and forensic areas. In addition, tables, callout boxes, review questions, and other features are included throughout the text for ease in comprehension and retention. A sampling of the coverage: · The value of neuropsychological evaluation in medical practice. · A model of collaboration between primary care and neuropsychology. · Neuropsychological assessment of extremely preterm children. · Alzheimer's Disease and overview of dementia. · Deep brain stimulation for Parkinson's Disease. · Neuropsychology in the 21st century: the rise of multicultural assessment. · Neuropsychological interventions for individuals with brain injury. The Physician's Field Guide to Neuropsychology is both a rigorous and an accessible reference for clinicians in diverse disciplines including general practice, family medicine, neuropsychology, pediatrics, gerontology, and sports medicine.

Medical Advances and Lifespan Outcomes