

Cognitive Individual Linguistic And Demographic Variables

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Cognitive and Behavioral Abnormalities of Pediatric Diseases - Ruth D. Nass 2010

This book provides a detailed account of intellectual, other neuropsychological and

behavioral manifestations of general pediatric diseases. The conditions discussed include the whole range of pediatric diseases - genetic syndromes, other congenital conditions, metabolic, endocrine, gastrointestinal, infectious, immunologic, toxic, trauma, and neoplastic, as well as sensory disabilities including deafness and blindness. Although the book is not intended to discuss cognitive and behavioral manifestations of conditions usually considered to be primary neurological disease, some of those, including cerebral palsy, muscular dystrophy, myotonic dystrophy and epilepsy, are included. Where possible, a "translational" approach is used, linking the behavioral and cognitive manifestations of these conditions, to the underlying structural, chemical or genetic abnormalities and their effect on the brain, and, in turn, on behavior and cognition. At the same time, included are significant psychosocial factors. Together, those factors have a major effect on patients'

performance, including school performance, and on their families. This book is unique in its extensive coverage of the major pediatric conditions and of the detailed neurological, neuropsychological and behavioral aspects of each condition.

Aphasia and Related Neurogenic Communication Disorders - Ilias Papathanasiou 2021-06-03

"Aphasia and Related Neurogenic Communication Disorders is designed for the graduate course on Aphasia. Part 1 of the textbook covers aphasiology, while part 2 addresses related disorders. Overall, the textbook offers an overview of aphasia and related neurogenic communication disorders by presenting important recent advances and clinically relevant information. It emphasizes Evidence Based Practice by critically reviewing the pertinent literature and its relevance for best clinical practices. Case studies in all clinical chapters illustrate key topics, and a "Future Directions" section in each chapter provides

insight on where the field may be headed. The WHO ICF Framework is introduced in the beginning of the text and then reinforced and infused throughout"--

Nutritional influences on human neurocognitive functioning - Michael Smith
2014-11-04

'You are what you eat'. It's a saying that we've all heard time and time again. The notion that good nutrition is essential for adequate growth and sound physical wellbeing is very well established. Further, in recent years, there has been an overwhelming increase in research dedicated to better understanding how nutritional factors influence cognition and behaviour. For example, several studies have suggested that higher foetal exposure to omega-3 fatty acids and B vitamins such as folate promotes neurodevelopment. B vitamins may also play a role in neurocognitive functioning in later life, with some suggestion that lower vitamin B levels are associated with

increased risk of dementia (although randomised controlled trials investigating B vitamin supplementation as a cognitive enhancer in the elderly have provided inconclusive evidence as to the benefits of such therapy for dementia). In fact, the nutritional underpinnings of Alzheimer's disease and other disorders of cognitive ageing is becoming a much researched topic. In addition, consumption of several other foods has been found to convey more acute cognitively enhancing effects. For example, ingestion of carbohydrates (e.g. glucose), caffeine, resveratrol and several 'nutraceutical' herbal extracts has been associated with short-term improvements in cognitive performance. Beyond specific micronutrients and macronutrients, the current literature seems to support anecdotal evidence that consumption of a balanced breakfast is crucial to various measures of school performance, including attention in the classroom. What is clear from this emerging literature is that the relationship

between nutritional status and neurocognitive functioning at various stages of the lifespan is complex. An aim of this Research Topic is to bring together some recent empirical findings, reviews and commentaries of the literature to date and opinion pieces relating to future directions for this burgeoning field.

Individual Variation and the Bilingual Advantage - Factors that Modulate the Effect of Bilingualism on Cognitive Control and Cognitive Reserve - Maurits Van den Noort 2020-02-11

The number of bilingual and multilingual speakers around the world is steadily growing, leading to the questions: How do bilinguals manage two or more language systems in their daily interactions, and how does being bilingual/multilingual affect brain functioning and vice versa? Previous research has shown that cognitive control plays a key role in bilingual language management. This hypothesis is further supported by the fact that foreign languages have been found to affect not only the

expected linguistic domains, but surprisingly, other non-linguistic domains such as cognitive control, attention, inhibition, and working memory. Somehow, learning languages seems to affect executive/brain functioning. In the literature, this is referred to as the bilingual advantage, meaning that people who learn two or more languages seem to outperform monolinguals in executive functioning skills. In this Special Issue, we first present studies that investigate the bilingual advantage. We also go one step further, by focusing on factors that modulate the effect of bilingualism on cognitive control. In the second, smaller part of our Special Issue, we focus on the cognitive reserve hypothesis with the aim of addressing the following questions: Does the daily use of two or more languages protect the aging individual against cognitive decline? Does lifelong bilingualism protect against brain diseases, such as dementia, later in life?

Intra- and Inter-individual Variability of

Executive Functions: Determinant and Modulating Factors in Healthy and Pathological Conditions - Sarah E. MacPherson 2019-08-02

MacPherson 2019-08-02

This eBook attempts to unify the contributions of different research groups investigating the sources of variability in executive functions, discussing the most recent developments and integrating the knowledge accumulated across different fields. It consists of a compilation of empirical, theoretical and review articles studying executive functions in both clinical and healthy human populations. Some of the key influences on intra- and inter-variability in executive functions discussed include the developmental trajectory of executive functions, healthy and pathological aging in executive functions, as well as the influence of environmental factors and intelligence on executive functions.

Variability and Individual Differences in Early Social Perception and Social

Cognition - Jessica Sommerville 2016-06-10

Over the past three decades mounting evidence has suggested that infants' social perceptual and social cognitive abilities are considerably richer than was once thought. By the end of the second year of life, infants discriminate faces along various social dimensions, attend to and understand others' goals and intentions, use the emotions of others to guide their learning and behavior, attribute dispositional characteristics to other agents, and make basic social evaluations. What has also become clear is that there is a great deal of variability in infants' social perception and cognition. A critical, outstanding question concerns the nature and meaning of such variability. The proposed Research Topic welcomes papers addressing cutting-edge questions regarding variability and individual differences in early social perception and social cognition. The goal of these papers is to investigate overarching questions in this domain, which are necessary to move the field

forward. Variability in early social perception and social cognition (among other domains) in infancy and early childhood is often attributed to noise, or overlooked in favor of focusing on age-related changes. Yet, recent work suggests that variability in social perceptual and social cognitive tasks reliably inter-relates, and predicts real-world social behaviors. For example, infants' everyday experience with different face categories predicts individual differences in face processing, infants' production of goal-directed actions predicts their simultaneous understanding of these actions, and variability in social attention during the second year of life is related to theory of mind during the preschool years. These findings suggest that variability in performance on social perception and social cognition tasks is not merely a nuisance variable, but, rather, may provide the key to addressing significant questions regarding the nature of infants' social perception and social cognition, and the

processes that underlie developmental change. Acknowledging and closely examining and investigating variability in early social perceptual and social cognitive abilities may represent a powerful approach for understanding development in (at least) two ways. First, variability can signal transitional points in the developmental onset of a given ability. Thus, such variability, and the extent to which variability relates to experience and/or other abilities, can be used to test hypotheses regarding mechanisms that underlie developmental changes. Second, variability can represent more enduring individual differences between infants. In this case, critical questions arise regarding the source of individual differences (that is, what factors shape the emergence of individual differences?) and whether such early individual differences contribute to the development of more advanced and sophisticated forms of social cognition and behavior. The goal of this Research Topic will be

to encourage researchers to take variability in early social perception and cognition seriously. Papers that give variability center stage, and are aimed at addressing the value of variability for identifying developmental mechanisms, as well as investigating the existence, source, and antecedents of early individual differences in social perception and social cognition are welcomed. Taken together, the contributed papers will provide integral new information to the study of social perception and social cognition over the first three years of life.

WAIS-IV, WMS-IV, and ACS - James A. Holdnack
2013-06-20

This book provides users of the Wechsler Adult Intelligence Scale (WAIS-IV) with information on applying the WAIS-IV, including additional indexes and information regarding use in special populations for advanced clinical use and interpretation. The book offers sophisticated users of the WAIS-IV and Wechsler Memory Scale (WMS-IV) guidelines on how to enhance

the clinical applicability of these tests. The first section of the book provides an overview of the WAIS-IV, WMS-IV, and new Advanced Clinical Solutions for Use with the WAIS-IV/WMS-IV (ACS). In this section, examiners will learn: Normal versus atypical score variability Low-score prevalence in healthy adults versus clinical populations Assessing whether poor performance reflects a decline in function or is the result of suboptimal effort New social cognition measures found in the ACS are also presented. The second part focuses on applying the topics in the first section to specific clinical conditions, including recommended protocols for specific clientele (e.g. using demographically adjusted norms when evaluating individuals with brain injury). Common clinical conditions are discussed, including Alzheimer's disease, mild cognitive impairment, traumatic brain injury, and more. Each chapter provides case examples applying all three test batteries and using report examples as they are obtained from the scoring

assistant. Finally, the use of the WAIS-IV/WMS-IV and the ACS in forensic settings is presented. Coverage of administration and scoring of WAIS-IV, WMS-IV and ACS Information contained on the use of WAIS-IV with special populations Case studies in each chapter Written by the creators of WAIS-IV, WMS-IV and ACS

Neuropsychology of Cognitive Decline - Holly A. Tuokko 2018-05-15

Presenting best practices for assessment and intervention with older adults experiencing cognitive decline, this book draws on cutting-edge research and extensive clinical experience. The authors' integrative approach skillfully interweaves neuropsychological and developmental knowledge. The volume provides guidelines for evaluating and differentiating among normal aging, subjective cognitive decline, mild cognitive impairment, and different types of dementia. It identifies risk and protective factors that may influence an individual's trajectory and describes how to

create a sound case conceptualization. Evidence-based strategies for pharmacological, cognitive, behavioral, and psychological intervention with patients and their caregivers are illustrated with vivid case examples.

Cognition in Mood Disorders - Allan H. Young
2020-04-17

International Society for Affective Disorders (ISAD) exists to promote research into the mood (affective) disorders through all relevant scientific disciplines, including genetics, neuroscience and the social and behavioural sciences. Inter-disciplinary research approaches are particularly highly valued by the society.
www.isad.org.uk

Language and Literacy Development in Bilingual Settings - Aydin Yücesan Durgunoglu 2011-03-14
Grounded in state-of-the-art research, this book explores how English language learners develop both the oral language and literacy skills necessary for school success. Chapters examine the cognitive bases of English acquisition, and

how the process is different for children from alphabetic (such as Spanish) and nonalphabetic (such as Chinese) language backgrounds. The book addresses a key challenge facing educators and clinicians: identifying students whose poor English skills may indicate an underlying impairment, as opposed to still-developing language proficiency. Implications for diagnosis, intervention, and instruction are highlighted throughout.

Performance and Participation Outcomes for Individuals With Neurological Conditions - Naomi Josman 2020-12-03

This eBook is a collection of articles from a Frontiers Research Topic. Frontiers Research Topics are very popular trademarks of the Frontiers Journals Series: they are collections of at least ten articles, all centered on a particular subject. With their unique mix of varied contributions from Original Research to Review Articles, Frontiers Research Topics unify the most influential researchers, the latest key

findings and historical advances in a hot research area! Find out more on how to host your own Frontiers Research Topic or contribute to one as an author by contacting the Frontiers Editorial Office: frontiersin.org/about/contact.
Concise Encyclopedia of Brain and Language - Harry A. Whitaker 2010-04-08

This volume describes, in up-to-date terminology and authoritative interpretation, the field of neurolinguistics, the science concerned with the neural mechanisms underlying the comprehension, production and abstract knowledge of spoken, signed or written language. An edited anthology of 165 articles from the award-winning Encyclopedia of Language and Linguistics 2nd edition, Encyclopedia of Neuroscience 4th Edition and Encyclopedia of the Neurological Sciences and Neurological Disorders, it provides the most comprehensive one-volume reference solution for scientists working with language and the brain ever published. Authoritative review of this

dynamic field placed in an interdisciplinary context Approximately 165 articles by leaders in the field Compact and affordable single-volume format

The Functions of Language and Cognition -

Grover J. Whitehurst 2014-05-10

The Functions of Language and Cognition provides a forum for articulating a functional approach to language and cognition. This book discusses the influence of structural approaches to language and thought. Organized into 10 chapters, this book begins with an overview of a comprehensive alternative treatment of cognitive and linguistic functioning from a social, functional perspective. This text then discusses some considerations for a theory of skills and of cognitive development in general. Other chapters focus on acquisition of perceptual concepts rather than logical, verbal, or mathematical concepts. This book examines as well each of the possible limits in terms of their potential effects on cognitive development

and in terms of the evidence regarding their actual effects. The final chapter deals with the influence of personal standards and strategies on therapy outcomes. This book is a valuable resource for graduate and upper-level undergraduate students in developmental psychology, clinical psychology, cognitive psychology, education, and rehabilitation.

Children Listen: Psychological and Linguistic Aspects of Listening Difficulties During Development - Mary Rudner

2020-12-14

This eBook is a collection of articles from a Frontiers Research Topic. Frontiers Research Topics are very popular trademarks of the Frontiers Journals Series: they are collections of at least ten articles, all centered on a particular subject. With their unique mix of varied contributions from Original Research to Review Articles, Frontiers Research Topics unify the most influential researchers, the latest key findings and historical advances in a hot

research area! Find out more on how to host your own Frontiers Research Topic or contribute to one as an author by contacting the Frontiers Editorial Office: frontiersin.org/about/contact.

Cognition and Second Language Acquisition -

Thorsten Piske 2022-07-25

This volume examines interactions between second/foreign language acquisition and the development of cognitive abilities in learners who acquire an additional language in preschools, primary or secondary schools. The chapters explore possible links between cognitive and linguistic skills displayed by multilingual learners. This book should appeal to different kinds of readers such as linguists, psychologists and language teachers.

Handbook of Child Psychology, Cognition, Perception, and Language - William Damon
2006-05-11

Part of the authoritative four-volume reference that spans the entire field of child development and has set the standard against which all other

scholarly references are compared. Updated and revised to reflect the new developments in the field, the Handbook of Child Psychology, Sixth Edition contains new chapters on such topics as spirituality, social understanding, and non-verbal communication. Volume 2: Cognition, Perception, and Language, edited by Deanna Kuhn, Columbia University, and Robert S. Siegler, Carnegie Mellon University, covers mechanisms of cognitive and perceptual development in language acquisition. It includes new chapters devoted to neural bases of cognition, motor development, grammar and language rules, information processing, and problem solving skills.

Language and Culture in Mathematical Cognition - Daniel B. Berch 2018-07-27

Language and Culture in Mathematical Cognition, First Edition focuses on the role of linguistic and cultural factors in math cognition and development. It covers a wide range of topics, including analogical mapping in

numerical development, arithmetic fact retrieval in the bilingual brain, cross-cultural comparisons of mathematics achievement, the shaping of numerical processing by number word construction, the influence of Head Start programs, the mathematical skills of children with specific language impairments, the role of culture and language in creating associations between number and space, and electrophysiological studies of linguistic traces in core knowledge at the neural level. Includes cutting-edge findings, innovative measures, recent methodological advances and groundbreaking theoretical developments Synthesizes research from various subdomains of math cognition research Covers the full complement of research in mathematical thinking and learning Informs researchers, scholars, educators, students and policymakers

Non-cognitive Skills and Factors in Educational Attainment - Myint Swe Khine
2016-07-28

This volume addresses questions that lie at the core of research into education. It examines the way in which the institutional embeddedness and the social and ethnic composition of students affect educational performance, skill formation, and behavioral outcomes. It discusses the manner in which educational institutions accomplish social integration. It poses the question of whether they can reduce social inequality, - or whether they even facilitate the transformation of heterogeneity into social inequality. Divided into five parts, the volume offers new insights into the many factors, processes and policies that affect performance levels and social inequality in educational institutions. It presents current empirical work on social processes in educational institutions and their outcomes. While its main focus is on the primary and secondary level of education and on occupational training, the book also presents analyses of institutional effects on transitions from vocational training into tertiary

educational institutions in an interdisciplinary and internationally comparative approach.

Language and Bilingual Cognition - Reader in Applied Linguistics Vivian Cook 2011-04-27

This innovative volume provides a state-of-the-art overview of the relationship between language and cognition with a focus on bilinguals. It brings together contributions from international leading figures in various disciplines and showcases contemporary research on the emerging area of bilingual cognition. The first part of the volume discusses the relationship between language and cognition as studied in various disciplines, from psychology to philosophy to anthropology to linguistics, with chapters written by some of the major thinkers in each discipline. The second part concerns language and cognition in bilinguals. Following an introductory overview and contributions from established figures in the field, bilingual cognition researchers provide examples of their latest research on topics

including time, space, motion, colors, and emotion. The third part discusses practical applications of the idea of bilingual cognition, such as marketing and translation. The volume is essential reading for researchers and postgraduate students with an interest in language and cognition, or in bilingualism and second languages.

Handbook on the Neuropsychology of Aging and Dementia - Lisa D. Ravdin 2019-02-14

This comprehensive update offers practical advice for professionals working in neuropsychology with older adults. Focusing on fundamentals, common issues, special considerations, and late-life cognitive disorders, respected names in this critical specialty address a wide range of presenting problems and assessment, diagnostic, and treatment concerns. Throughout, coverage pays keen attention to detail, bringing real-world nuance to large-scale concepts and breaking down complex processes into digestible steps. And like its

predecessor, the new Handbook features recommendations for test batteries and ends each chapter by extracting its “clinical pearls.” A sampling of the topics covered: • Assessment of depression and anxiety in older adults. • The assessment of change: serial assessments in dementia evaluations. • Elder abuse identification in older adults. • Clinical assessment of postoperative cognitive decline. • Cognitive training and rehabilitation in aging and dementia. • Differentiating mild cognitive impairment and cognitive changes of normal aging. • Evaluating cognition in patients with chronic obstructive pulmonary disease. This Second Edition of the Handbook on the Neuropsychology of Aging and Dementia offers a wealth of expert knowledge and hands-on guidance for neuropsychologists, gerontologists, social workers, and other clinicians interested in aging. This can be a valuable reference for those studying for board certification in neuropsychology as well as a resource for

veteran practitioners brushing up on key concepts in neuropsychology of age related disorders.

Clinical Neuropsychology Study Guide and Board Review - Kirk J. Stucky 2014

The Clinical Neuropsychology Study Guide and Board Review provides an easy to study volume with sample questions and recommended readings that are specifically designed to help individuals prepare for the ABCN written examination. In addition, this book can also be used as a teaching tool for graduate students and trainees at various levels. The book is divided into three sections: Section 1: Foundations of Clinical Neuropsychology; Section II: Fundamentals of Assessment; and Section III: Disorders and Conditions. The format is geared toward exam preparation and is much less dense than a typical textbook. Materials are provided in a concise, outlined manner, with liberal use of bullets, boxes, and illustrations/tables that allow readers to easily

review and integrate information into their already established knowledge base. To augment the study guide, a recommended readings list at the end of each chapter provides references to more comprehensive materials considered important or seminal in each topic area.

Multidisciplinary Perspectives on

Multilingualism - Simona Montanari 2019-10-08

Multilingualism is a typical aspect of everyday life for most of the world's population; it has existed since the beginning of humanity and among individuals of all backgrounds.

Nonetheless, it has often been treated as a variant of bilingualism or as a phenomenon unique to individual areas of study. The purpose of this book is to review current knowledge about the acquisition, use and loss of multiple languages using a multidisciplinary perspective, highlighting the common themes and stimulating insights that can emerge when multilingualism is viewed from different but related areas of investigation. The chapters focus on research

evidence, showing that multilingualism is a complex phenomenon that involves a myriad of linguistic and extra-linguistic forces and that should be studied in its own right as evidence of human potential and capacity for language. The book is primarily addressed to students and scholars interested in deepening their understanding of the different facets of multilingualism, including the individual and societal circumstances that contribute to it, the cognitive and neural mechanisms that make it possible, and the dynamics involved in the acquisition, use and loss of multiple languages.

The empirical base of linguistics - Carson T. Schütze 2015-12-24

Throughout much of the history of linguistics, grammaticality judgments - intuitions about the well-formedness of sentences - have constituted most of the empirical base against which theoretical hypothesis have been tested. Although such judgments often rest on subtle intuitions, there is no systematic methodology

for eliciting them, and their apparent instability and unreliability have led many to conclude that they should be abandoned as a source of data. Carson T. Schütze presents here a detailed critical overview of the vast literature on the nature and utility of grammaticality judgments and other linguistic intuitions, and the ways they have been used in linguistic research. He shows how variation in the judgment process can arise from factors such as biological, cognitive, and social differences among subjects, the particular elicitation method used, and extraneous features of the materials being judged. He then assesses the status of judgments as reliable indicators of a speaker's grammar. Integrating substantive and methodological findings, Schütze proposes a model in which grammaticality judgments result from interaction of linguistic competence with general cognitive processes. He argues that this model provides the underpinning for empirical arguments to show that once extragrammatical variance is factored out, universal grammar

succumbs to a simpler, more elegant analysis than judgment data initially lead us to expect. Finally, Schütze offers numerous practical suggestions on how to collect better and more useful data. The result is a work of vital importance that will be required reading for linguists, cognitive psychologists, and philosophers of language alike.

The Language of Branding - Dawn Lerman
2017-12-14

The Language of Branding: Theory, Strategies and Tactics shows marketers how to use language successfully to improve brand value and influence consumer behavior. Luna and Lerman are among only a few researchers who take a multidisciplinary perspective on the ways language influences how consumers act. Together with Morais, an anthropologist engaged in market research, they show how understanding the power of language can impact the essence - and sales - of a brand. The book covers the fundamentals of brand language and

applications for an array of marketing initiatives. Readers will learn why brand language matters, how language is used in marketing, and how to build a brand strategy that capitalizes on the richness and complexity of language. This book includes real-world case histories that demonstrate vividly how brand language is created and exercises that enable both students of marketing and marketing professionals to apply the book's concepts and stimulate class discussion. *The Language of Branding: Theory, Strategies and Tactics* can be used in a number of courses, including consumer behavior, branding, advertising, linguistics, and communications.

Neuropsychology for Health Care Professionals and Attorneys - Robert J. Sbordone 2000-06-22

Regardless of your specialty - physician, psychologist, nurse, rehabilitation specialist, or attorney - post-traumatic stress disorder cases and brain injury cases are arguably the most difficult to understand, treat, and evaluate. All of

the tools you need are in the new *Neuropsychology for Health Care Professionals and Attorneys, Second Edition*. It contains An easy-to-understand description of the neuroanatomy of the brain Four chapters devoted to neurobehavioral disorders such as amnesia, attentional deficits, delirium, dementia, disorders of executive functions of the brain, electrical injury, hypoxic encephalopathy, neurotoxic encephalopathy, learning disorders, post-traumatic stress disorders, mild traumatic brain injury (MTBI), post-concussive syndrome, seizure disorders, and others A detailed description of neuropsychological assessment, including a critique of approximately 80 neuropsychological tests: their intended use, purpose, administration, sensitivity to brain damage, reliability, validity, strengths, and limitations How factors such as medical illness, medication, psychiatric disorders, stress, anxiety, culture, language, suboptimal motivation, and pre-existing neurological

disorders can alter test performance Ways to determine whether the neuropsychological test results are consistent with brain damage or due to non-neurological factors A discussion of how the use of test norms can result in the misdiagnosis of brain damage A critical review of actual neuropsychological reports A glossary of neuropsychological and neurological terms Interfaces Between Language And Cognition - Yury Y. Shtyrov 2013-06-28

Cognitive mechanisms underlying linguistic communication do not only rely upon retrieval and processing of linguistic information; they also involve constant updating and organizing of this linguistic information in relation with other, more general, cognitive mechanisms. Some existing theoretical models assume such a tight interactive link between domain-general and domain-specific sources of information in the cognitive organization of the linguistic faculty and during language use. Domain-specific constraints may include, for example,

grammatical as well as lexical and pragmatic knowledge. Domain-general constraints comprise processing limitations imposed by the cognitive mechanisms of memory, attention, learning, and social interaction. However, much of the existing research tends to focus on one or the other of the aforementioned areas, while integrative accounts are still rather sparse at present. Therefore, the aim of this Research Topic of Frontiers in Cognition is to bring together researchers who, with in their respective research fields and by using different methodologies, represent integrative approaches to the study of language. We invite submissions from a wide range of interrelated areas of research: cognitive architectures of language, aspects of language processing, linguistic development, bilingualism, language embodiment, neuropsychology of linguistic function, among others. We would like to solicit original research contributions discussing behavioral, neurophysiological, and

computational evidence as well as papers on methodological and/or theoretical aspects of the interplay between linguistic and non-linguistic cognitive processes.

Cognition, Language and Aging - Heather Harris Wright 2016-03-16

Age-related changes in cognitive and language functions have been extensively researched over the past half-century. The older adult represents a unique population for studying cognition and language because of the many challenges that are presented with investigating this population, including individual differences in education, life experiences, health issues, social identity, as well as gender. The purpose of this book is to provide an advanced text that considers these unique challenges and assembles in one source current information regarding (a) language in the aging population and (b) current theories accounting for age-related changes in language function. A thoughtful and comprehensive review of current research spanning different

disciplines that study aging will achieve this purpose. Such disciplines include linguistics, psychology, sociolinguistics, neurosciences, cognitive sciences, and communication sciences.

As of January 2019, this e-book is freely available, thanks to the support of libraries working with Knowledge Unlatched.

[The Oxford Handbook of Deaf Studies in Learning and Cognition](#) - Marc Marschark 2020-04-15

In recent years, the intersection of cognitive psychology, developmental psychology, and neuroscience with regard to deaf individuals has received increasing attention from a variety of academic and educational audiences. Both research and pedagogy have addressed questions about whether deaf children learn in the same ways that hearing children learn, how signed languages and spoken languages might affect different aspects of cognition and cognitive development, and the ways in which hearing loss influences how the brain processes

and retains information. There are now a number of preliminary answers to these questions, but there has been no single forum in which research into learning and cognition is brought together. The Oxford Handbook of Deaf Studies in Learning and Cognition aims to provide this shared forum, focusing exclusively on learning, cognition, and cognitive development from theoretical, psychological, biological, linguistic, social-emotional, and educational perspectives. Each chapter includes state-of-the-art research conducted and reviewed by international experts in the area. Drawing this research together, this volume allows for a synergy of ideas that possesses the potential to move research, theory, and practice forward.

International Handbook of Cross-Cultural Neuropsychology - Barbara P. Uzzell

2013-05-13

The Handbook views neurological assessment and rehabilitation from different perspectives,

offering opportunities for increasing knowledge, understanding and improving clinical skills, as well as laying the groundwork for establishing international

Risk and Protective Factors Associated with Early Adversity and Development: Evidence from Human and Animal Research - Rosario Montirosso 2020-02-13

Linguistic Influences on Mathematical Cognition - Ann Dowker 2017-06-16

For many years, an abstract, amodal semantic magnitude representation, largely independent of verbal linguistic representations, has been viewed as the core numerical or mathematical representation. This assumption has been substantially challenged in recent years. Linguistic properties affect not only verbal representations of numbers, but also numerical magnitude representation, spatial magnitude representations, calculation, parity representation, place-value representation and

even early number acquisition. Thus, we postulate that numerical and arithmetic processing are not fully independent of linguistic processing. This is not to say, that in patients, magnitude processing cannot function independently of linguistic processing we just suppose, these functions are connected in the functioning brain. So far, much research about linguistic influences on numerical cognition has simply demonstrated that language influences number without investigating the level at which a particular language influence operates. After an overview, we present new findings on language influences on seven language levels: - Conceptual: Conceptual properties of language - Syntactic: The grammatical structure of languages beyond the word level influences - Semantic: The semantic meaning or existence of words - Lexical: The lexical composition of words, in particular number words - Visuo-spatial-orthographic: Orthographic properties, such as the writing/reading direction of a

language. - Phonological: Phonological/phonetic properties of languages - Other language-related skills: Verbal working memory and other cognitive skills related to language representations We hope that this book provides a new and structured overview on the exciting influences of linguistic processing on numerical cognition at almost all levels of language processing.

Handbook of Long Term Care of The Childhood Cancer Survivor - Grace A. Mucci 2015-07-20

This authoritative reference examines in depth the myriad challenges facing pediatric cancer survivors and proposes a robust framework for structured follow-up of these patients through adulthood. Approaches to long-term follow-up include both established models of care and targeted models of lifelong surveillance of late effects by bodily systems and neurological outcomes. Sections devoted to quality of life and re-entry after treatment focus on key concerns such as health risk behaviors, school and career

issues, psychological challenges, and care disparities. And a robust resources section adds extra usefulness to the expert coverage. Among the Handbook's topics: • Developmental considerations in the transition from child and adolescent to adult survivorship. • Long-term follow-up roadmaps by disease and treatment. • Neuropsychological effects of pediatric brain tumors and associated treatment. • Building resiliency in childhood cancer survivors: a clinician's perspective. • School issues and educational strategies for survivors of childhood cancer. • Educating and preparing the childhood cancer survivor for long-term care: a curriculum model for cancer centers. A work of rare scope, scholarship, and clinical acumen, the Handbook of Long-Term Care of the Childhood Cancer Survivor is a rewarding, practice-building resource essential to a wide range of healing professionals, including primary care physicians, pediatricians, oncologists, nurses, psychologists, neuropsychologists, child psychologists, and

licensed therapists.

The Impact of Sensory, Linguistic and Social Deprivation on Cognition - Matthew Dye 2017-12-21

Early experience plays a crucial role in determining the trajectory of cognitive development. For example, early sensory deprivation is known to induce neural reorganization by way of adaptation to the altered sensory experience. Neville and Bavelier's "compensatory theory" hypothesizes that loss of one sense may bring about a sensory enhancement in the remaining modalities. Sensory deprivation will, however, also impact the age of emergence, or the speed of acquisition of cognitive abilities that depend upon sensory inputs. Understanding how a child's early environment shapes their cognition is not only of theoretical interest. It is essential for the development of early intervention programs that address not just the early deprivation itself, but also the cognitive sequelae

of such deprivation. The articles in this e-book all address different aspects of deprivation - sensory, linguistic, and social - and explore the impacts of such deprivation on a wide range of cognitive outcomes. In reading these contributions, it is important to note that sensory, linguistic, and social deprivation are not independent factors in human experience. For example, a child born deaf into a hearing family is likely to experience delays in exposure to natural language, with subsequent limits on their linguistic competence having an effect on social interactions and inclusion: a child raised in environments where social interaction is highly limited is also likely to experience reductions in the quantity and quality of linguistic inputs. Future work will need to carefully examine the complex interactions between the sensory, linguistic and social environments of children raised in atypical or impoverished environments.

The Oxford Handbook of Language Attrition

- Monika S. Schmid 2019-07-17

This volume is the first handbook dedicated to language attrition, the study of how a speaker's language may be affected by crosslinguistic interference and non-use. The effects of language attrition can be felt in all aspects of language knowledge, processing, and production, and can offer unique insights into the mind of bilingual language users. In this book, international experts in the field explore a comprehensive range of topics in language attrition, examining its theoretical implications, psycho- and neurolinguistic approaches, linguistic and extralinguistic factors, L2 attrition, and heritage languages. The chapters summarize current research and draw on insights from related fields such as child language development, language contact, language change, pathological developments, and second language acquisition.

Resources in Education - 1996-07

Schizophrenia Bulletin - 2005

Language, Memory, and Cognition in Infancy and Early Childhood - Janette B. Benson
2010-05-22

Language, cognition, and memory are traditionally studied together prior to a researcher specializing in any one area. They are studied together initially because much of the development of one can affect the development of the others. Most books available now either tend to be extremely broad in the areas of all infant development including physical and social development, or specialize in cognitive development, language acquisition, or memory. Rarely do you find all three together, despite the fact that they all relate to each other. This volume consists of focused articles from the authoritative Encyclopedia of Infant and Early Childhood Development, and specifically targets the ages 0-3. Providing summary overviews of basic and cutting edge research, coverage

includes attention, assessment, bilingualism, categorization skills, critical periods, learning disabilities, reasoning, speech development, etc. This collection of articles provides an essential, affordable reference for researchers, graduate students, and clinicians interested in cognitive development, language development, and memory, as well as those developmental psychologists interested in all aspects of development. Focused content on age 0-3- saves time searching for and wading through lit on full age range for developmentally relevant info Concise, understandable, and authoritative—easier to comprehend for immediate applicability in research

Morphological Diversity and Linguistic Cognition - Andrea D. Sims 2022-06-02

Bringing together a team of well-known scholars, this book examines the link between linguistic cognition and morphological diversity. Clinical Environmental Health and Toxic Exposures - John Burke Sullivan 2001

Now in its revised and updated Second Edition, this volume is the most comprehensive and authoritative text in the rapidly evolving field of environmental toxicology. The book provides the objective information that health professionals need to prevent environmental health problems, plan for emergencies, and evaluate toxic exposures in patients. Coverage includes safety, regulatory, and legal issues; clinical toxicology of specific organ systems; emergency medical response to hazardous materials releases; and hazards of specific industries and locations. Nearly half of the book examines all known toxins and environmental health hazards. A Brandon-Hill recommended title.

The Handbook of the Neuropsychology of Language, 2 Volume Set - Miriam Faust

2012-02-13

This handbook provides a comprehensive review of new developments in the study of the relationship between the brain and language, from the perspectives of both basic research and clinical neuroscience. Includes contributions from an international team of leading figures in brain-language research. Features a novel emphasis on state-of-the-art methodologies and their application to the central questions in the brain-language relationship. Incorporates research on all parts of language, from syntax and semantics to spoken and written language. Covers a wide range of issues, including basic level and high level linguistic functions, individual differences, and neurologically intact and different clinical populations.