

Speech Iep Goals Working Memory

Working Memory and Language in the Modular Mind The Psychology of Goals Knowledge Representation The Unified Learning Model An Introduction to Applied Cognitive Psychology Handbook of Self-Regulation, Second Edition Mechanisms of Sensory Working Memory Personality and Motivational Differences in Persons With Mental Retardation The Architecture of Cognition Principles of Frontal Lobe Function Cognitive Strategies in Stochastic Thinking Knowledge-Based Systems An Introduction to Applied Cognitive Psychology Brain Literacy for Educators and Psychologists Oxford Handbook of Human Action Aphasia and Language Universal Subgoaling and Chunking Self Control in Society, Mind, and Brain Is it You, Me, Or Adult A.D.D.? Proceedings of the Eighteenth Annual Conference of the Cognitive Science Society The SAGE Handbook of Social Cognition Cognitive Plasticity in Neurologic Disorders The Advancement of Science : Science without Legend, Objectivity without Illusions Psychology of Learning and Motivation Handbook of Probability The Psychology of Human Thought Traumatic Brain Injury The Oxford Handbook of Social Cognition Cognition and Addiction Cognitive Psychology Cognitive Neuroscience New Perspectives on Mind-Wandering Engineering Psychology and Cognitive Ergonomics The Prefrontal Cortex Integrated Natural Language Dialogue The Distracted Mind Assessing Mindfulness and Acceptance Processes in Clients Frontiers of Cognitive Therapy Executive Functions and the Frontal Lobes Experienced Cognition

Recognizing the quirk ways to get this books Speech Iep Goals Working Memory is additionally useful. You have remained in right site to start getting this info. get the Speech Iep Goals Working Memory belong to that we find the money for here and check out the link.

You could purchase lead Speech Iep Goals Working Memory or get it as soon as feasible. You could quickly download this Speech Iep Goals Working Memory after getting deal. So, next you require the book swiftly, you can straight get it. Its correspondingly completely easy and correspondingly fats, isnt it? You have to favor to in this broadcast

Handbook of Self-Regulation, Second Edition May 24 2022 This authoritative handbook reviews the breadth of current knowledge on the conscious and nonconscious processes by which people regulate their thoughts, emotions, attention, behavior, and impulses. Individual differences in self-regulatory capacities are explored, as are developmental pathways. The volume examines how self-regulation shapes, and is shaped by, social relationships. Failures of self-regulation are also addressed, in chapters on addictions, overeating, compulsive spending, and attention-deficit/hyperactivity disorder. Wherever possible, contributors identify implications of the research for helping people enhance their self-regulatory capacities and pursue desired goals. New to This Edition: * Incorporates significant scientific advances and many new topics. * Increased attention to the social basis of self-regulation. * Chapters on working memory, construal-level theory, temptation, executive functioning in children, self-regulation in older adults, self-harming goal pursuit, interpersonal relationships, religion, and impulsivity as a personality trait.

Mechanisms of Sensory Working Memory Apr 23 2022 Mechanisms of Sensory Working Memory: Attention and Performance XV provides an update on research surrounding the memory processes that are crucial for many facets of cognitive processing and experience, with new coverage of emerging areas of study, including a new understanding of working memory for features of stimuli devoid of verbal, phonological, or long-term memory content, such as memory for simple visual features (e.g., texture or color), simple auditory features (e.g., pitch), or simple tactile features (e.g., vibration frequency), now called sensory memory to distinguish from verbal memory. This contemporary focus on sensory memory is just beginning, and this collection of original contributions provides a foundational reference for the study mechanisms of sensory memory. Students, scholars, and researchers studying memory mechanisms and processes in cognitive neuroscience, cognitive science, neuroscience, and psychology will find this book of great value to their work. Introduces the study of sensory mechanisms of working memory as distinct from verbal memory Covers visual memory, auditory memory, and tactile memory Includes translational content as the breakdown of working memory is often associated with a disease, disorder, or trauma to the brain

Psychology of Learning and Motivation Nov 06 2020 Psychology of Learning and Motivation

Cognitive Psychology Apr 30 2020 Rigorously researched and accessibly written, Cognitive Psychology: A Student's Handbook is widely regarded as the leading undergraduate textbook in the field. The book is clearly organized, and offers comprehensive coverage of all the key areas of cognitive psychology. With a strong focus on considering human cognition in context, the book has been designed to help students develop a thorough understanding of the fundamentals of cognitive psychology, providing them with detailed knowledge of the very latest advances in the field. New to this edition: Thoroughly revised throughout to include the latest research and developments in the field Extended coverage of cognitive neuroscience Additional content on computational cognitive science New and updated case studies demonstrating real life applications of cognitive psychology Fully updated companion website Cognitive Psychology: A Student's Handbook will be essential reading for all undergraduate students of psychology. Those taking courses in computer science, education, linguistics, physiology, and medicine will also find it an invaluable resource.

Frontiers of Cognitive Therapy Aug 23 2019 Bringing together cognitive therapy clinicians, researchers, and theoreticians, this volume integrates the latest findings on the conceptualization and treatment of a range of psychological and psychiatric problems. From depression and anxiety, to eating disorders, hypochondriasis, obsessive-compulsive disorder, panic, personality disorders, sexual problems, social phobia, and substance abuse, authors discuss the needs of individual patients and structuring effective interventions. Factors such as therapist competency, the therapeutic relationship and empathy are systematically examined. Chapters also consider the specific needs of populations such as children and adolescents and the mentally ill.

An Introduction to Applied Cognitive Psychology Jun 25 2022 This book offers a student friendly review of recent research in the application of cognitive methods, theories and models to real-world scenarios.

Knowledge-Based Systems Nov 18 2021 Knowledge Based Systems (KBS) are systems that use artificial intelligence techniques in the problem solving process. This text is designed to develop an appreciation of KBS and their architecture and to help users understand a broad variety of knowledge based techniques for decision support and planning. It assumes basic computer science skills and a math background that includes set theory, relations, elementary probability, and introductory concepts of artificial intelligence. Each of the 12 chapters are designed to be modular providing instructors with the flexibility to model the book to their own course needs. Exercises are incorporated throughout the text to highlight certain aspects of the material being presented and to stimulate thought and discussion.

Working Memory and Language in the Modular Mind Oct 29 2022 The book explores two fundamental aspects of the human mind and their relation to one another. The first is the way that information is put to use in the mind. When we are doing a mental arithmetic problem, for example, how do we bring the relevant bits of information to mind and hold them there while carrying out the series of calculations? This is working memory, the subject of an enormous research literature in psychology, neuroscience, and a great many other disciplines. Characterizing the working memory process is now a major part of efforts to understand the human mind. How we characterize this process depends of course on how we characterize the human mind as a whole. In particular, is the mind made up of a number of distinct units, each carrying out a specialized function? There is considerable reason to say that it is, and this modular view of the mind has become prominent in a great deal of academic work, notably in cognitive neuroscience, with important implications for our understanding of how working memory works. But these implications have received surprisingly little consideration to this point. The aim of the book is to explore this relation between working memory and modularity, first in general terms and then using a specific modular view of the mind - the Modular Cognition Framework. The ideas are illustrated and further developed through an application to language and especially second language acquisition and use.

Cognitive Strategies in Stochastic Thinking Dec 19 2021

Self Control in Society, Mind, and Brain May 12 2021 This book presents social, cognitive and neuroscientific approaches to the study of self-control, connecting recent work in cognitive and social psychology with recent advances in cognitive and social neuroscience. In bringing together multiple perspectives on self-control dilemmas from internationally renowned researchers in various allied disciplines, this is the first single-reference volume to illustrate the richness, depth, and breadth of the research in the new field of self control.

Engineering Psychology and Cognitive Ergonomics Jan 28 2020

Cognitive Ergonomics, EPCE 2018, held as part of the 20th International Conference, HCI International 2018, which took place in Las Vegas, Nevada, in July 2018. The total of 1171 papers and 160 posters included in the 30 HCII 2018 proceedings volumes was carefully reviewed and selected from 4346 submissions. EPCE 2018 includes a total of 57 papers; they were organized in topical sections named: mental workload and human error; situation awareness, training and team working; psychophysiological measures and assessment; interaction, cognition and emotion; and cognition in aviation and space.

Is it You, Me, Or Adult A.D.D.? Apr 11 2021

Presenting a guide to maintaining a relationship with an adult diagnosed with the disorder, with information on the basics, challenges, and options for treatment.

The Architecture of Cognition Feb 21 2022 Now available in paper, The Architecture of Cognition is a classic work that remains relevant to theory and research in cognitive science. The new version of Anderson's theory of cognitive architecture -- Adaptive Control of Thought (ACT*) -- is a theory of the basic principles of operation built into the cognitive system and is the main focus of the book.

Knowledge Representation Aug 27 2022 Although many texts exist offering an introduction to artificial intelligence (AI), this book is unique in that it places an emphasis on knowledge representation (KR) concepts. It includes small-scale implementations in PROLOG to illustrate the major KR paradigms and their developments.***back cover copy:**Knowledge representation is at the heart of the artificial intelligence enterprise: anyone writing a program which seeks to work by encoding and manipulating knowledge needs to pay attention to the scheme whereby he will represent the knowledge, and to be aware of the consequences of the choices made.***The book's distinctive approach introduces the topic of AI through a study of knowledge representation issues. It assumes a basic knowledge of computing and a familiarity with the principles of elementary formal logic would be advantageous.***Knowledge Representation: An Approach to Artificial Intelligence develops from an introductory consideration of AI, knowledge representation and logic, through search technique to the three central knowledge paradigms: production rules, structured objects, and predicate calculus. The final section of the book illustrates the application of these knowledge representation paradigms through the Prolog Programming language and with an examination of diverse expert systems applications. The book concludes with a look at some advanced issues in knowledge representation.***This text provides an introduction to AI through a study of knowledge representation and each chapter contains exercises for students. Experienced computer scientists and students alike, seeking an introduction to AI and knowledge representations will find this an invaluable text.

Brain Literacy for Educators and Psychologists Sep 16 2021

A textbook for a pre-service or in-service course teaching basic neuroscience and brain imaging to teachers and other professionals who assess children with school learning problems. It is also suitable as a supplementary text in courses on literacy or numeracy. The purpose is to provide general principles rather than a plethora of facts.

Experienced Cognition Jun 20 2019

This volume presents a theoretical framework for understanding consciousness and learning. Drawing on work in cognitive psychology and philosophy, this framework begins with the observation that to be conscious is literally to have a point of view. From this starting point, the book develops a descriptive scheme that allows perceptual, symbolic, and emotional awareness to be discussed in common theoretical terms, compatible with a computational view of the mind. A central theme is our experience of ourselves as agents, consciously controlling activities situated in environments. In contrast to previous theories of consciousness, the experienced cognition framework emphasizes the changes in conscious control as individuals acquire skills. The book is divided into four parts. The first introduces the central themes and places them in the context of information-processing theory and empirical research on cognitive skill. The second develops the theoretical framework, emphasizing the unity of perceptual, symbolic, and emotional awareness and the relation of conscious to nonconscious processes. The third applies the experienced cognition framework to a variety of topics in cognitive psychology, including working memory, problem solving, and reasoning. It also includes discussions of everyday action, skill, and expertise, focusing on changes in conscious control with increasing fluency. The last concludes the book by evaluating the recent debate on the "cognitive unconscious" and implicit cognition from the perspective of experienced cognition, and considering the prospects for a cognitive

psychology focused on persons. This book addresses many of the issues raised in philosophical treatments of consciousness from the point of view of empirical cognitive psychology. For example, the structure of conscious mental states is addressed by considering how to describe them in terms of variables suitable for information-processing theory. Understanding conscious states in this way also provides a basis for developing empirical hypotheses, for example, about the relation of emotion and cognition, about the apparent "mindlessness" of skilled activity, and about the nature and role of goals in guiding activity. Criticisms of the computational view of mind are addressed by showing that the role of first-person perspectives in cognition can be described and investigated in theoretical terms compatible with a broadly-conceived information-processing theory of cognition.

The Psychology of Human Thought Sep 04 2020

Aphasia and Language Jul 14 2021 This groundbreaking work brings together leading scientist-practitioners to review what is known about aphasia and to relate current knowledge to treatment. Integrating traditional linguistic formulations with new insights derived from cognitive neuroscience, this volume explores the neuropsychological bases of both normal and pathologic language. It reflects an understanding of brain structure and function based on new developments in connectionist modeling and functional neuroimaging.

Cognitive Neuroscience Mar 30 2020 Updated thoroughly, this comprehensive text highlights the most important issues in cognitive neuroscience, supported by clinical applications.

Handbook of Probability Oct 05 2020 The Handbook of Probability presents an equal balance of theory and direct applications in a non-technical, yet comprehensive format so that researchers of various backgrounds can use the reference either as a primer for understanding basic probability theory or as a more advanced research tool for specific projects requiring a deeper understanding or application of probability. The wide-ranging applications of probability presented make it useful for researchers who need to make interdisciplinary connections in their work, as well as professors who teach a range of students (social sciences, education, business, behavioral sciences, etc.) and need to bring probability into greater, concrete perspective for these students.

The Oxford Handbook of Social Cognition Jul 02 2020 This handbook provides a comprehensive review of social cognition, ranging from its history and core research areas to its relationships with other fields. The 43 chapters included are written by eminent researchers in the field of social cognition, and are designed to be understandable and informative to readers with a wide range of backgrounds.

Integrated Natural Language Dialogue Nov 25 2019 Natural language dialogue is a continuous, unified phenomenon. Speakers use their conversational context to simplify individual utterances through a number of linguistic devices, including ellipsis and definite references. Yet most computational systems for using natural language treat individual utterances as separate entities, and have distinctly separate processes for handling ellipsis, definite references, and other dialogue phenomena. This book, a slightly revised version of the Ph. D. dissertation that I completed in December 1986, describes a different approach. It presents a computational system, Psli3, that uses the uniform framework of a production system architecture to carry out natural language understanding and generation in a well-integrated way. This is demonstrated primarily through intersentential ellipsis resolution, in addition to examples of definite reference resolution and interactive error correction. The system's conversational context arises naturally as the result of the persistence of the internal representations of previous utterances in working memory. Natural language input is interpreted within this framework using a modification of the syntactic technique of chart parsing, extended to include semantics, and adapted to the production system architecture. This technique, called semantic chart parsing, provides a graceful way of handling ambiguity within this architecture, and allows separate knowledge sources to interact smoothly across different utterances in a highly integrated fashion. xvi Integrated Natural Language Dialogue The design of this system demonstrates how flexible and natural user interactions can be carried out using a system with a naturally flexible control structure.

Oxford Handbook of Human Action Aug 15 2021 Thinking and reasoning, long the academic province of philosophy, have over the past century emerged as core topics of empirical investigation and theoretical analysis in the modern fields of cognitive psychology, cognitive science, and cognitive neuroscience. Formerly seen as too complicated and amorphous to be included in early textbooks on the science of cognition, the study of thinking and reasoning has since taken off, branching off in a distinct direction from the field from which it originated. The Oxford Handbook of Thinking and Reasoning is a comprehensive and authoritative handbook covering all the core topics of the field of thinking and reasoning. Written by the foremost experts from cognitive psychology, cognitive science, and cognitive neuroscience, individual chapters summarize basic concepts and findings for a major topic, sketch its history, and give a sense of the directions in which research is currently heading.

Chapters include introductions to foundational issues and methods of study in the field, as well as treatment of specific types of thinking and reasoning and their application in a broad range of fields including business, education, law, medicine, music, and science. The volume will be of interest to scholars and students working in developmental, social and clinical psychology, philosophy, economics, artificial intelligence, education, and linguistics.

The Prefrontal Cortex Dec 27 2019 The Prefrontal Cortex, Fifth Edition, provides users with a thoroughly updated version of this comprehensive work that has historically served as the classic reference on this part of the brain. The book offers a unifying, interdisciplinary perspective that is lacking in other volumes written about the frontal lobes, and is, once again, written by the award-winning author who discovered "memory cells," the physiological substrate of working memory. The fifth edition constitutes a comprehensive update, including all the major advances made on the physiology and cognitive neuroscience of the region since publication in 2008. All chapters have been fully revised, and the overview of prefrontal functions now interprets experimental data within the theoretical framework of the new paradigm of cortical structure and dynamics (the Cognit Paradigm), addressing the accompanying social, economic, and cultural implications. Provides a distinctly interdisciplinary view of the prefrontal cortex, covering all major methodologies, from comparative anatomy to modern imaging Unique analysis and synthesis of a large body of basic and clinical data on the subject (more than 2000 references) Written by an award-winning author who discovered "memory cells," the physiological substrate of working memory Synthesizes evidence that the prefrontal cortex constitutes a complex pre-adaptive system Incorporates emerging study of the role of the frontal lobes in social, economic, and cultural adaptation

Proceedings of the Eighteenth Annual Conference of the Cognitive Science Society Mar 10 2021 This volume features the complete text of all regular papers, posters, and summaries of symposia presented at the 18th annual meeting of the Cognitive Science Society. Papers have been loosely grouped by topic, and an author index is provided in the back. In hopes of facilitating searches of this work, an electronic index on the Internet's World Wide Web is provided. Titles, authors, and summaries of all the papers published here have been placed in an online database which may be freely searched by anyone. You can reach the Web site at: <http://www.cse.ucsd.edu/events/cogsci96/proceedings>. You may view the table of contents for this volume on the LEA Web site at: <http://www.erlbaum.com>.

Cognition and Addiction Jun 01 2020 Cognition and Addiction: A Researcher's Guide from Mechanisms Towards Interventions provides researchers with a guide to recent cognitive neuroscience advances in addiction theory, phenotyping, treatments and new vistas, including both substance and behavioral addictions. This book focuses on "what to know and" how to apply information, prioritizing novel principles and delineating cutting-edge assessment, phenotyping and treatment tools. Written by world renowned researcher Antonio Verdejo-Garcia, this resource will become a go-to guide for researchers in the field of cognitive neuroscience and addiction. Examines cognitive neuroscience advances in addiction theory, including both substance and behavioral addictions Discusses primary principles of cutting-edge assessment, phenotyping and treatment tools Includes detailed chapters on neuro-epidemiology and genetic imaging

Cognitive Plasticity in Neurologic Disorders Jan 08 2021 Cognitive Plasticity in Neurologic Disorders describes and specifies the cognitive impact of neuroplastic processes in key neurologic disorders and syndromes. It is set apart from previous works in this area by its emphasis on the changing quality of neurocognition, demonstrating that this dynamic nature emerges from the neuroplastic processes at work in both mild and severe states of brain disease or injury. This resource describes the ways neurological illness or trauma (or attempts to treat patients with such conditions) can trigger neuroplastic mechanisms in the brain, inducing cognitive reorganization and remapping of brain networks. Each chapter shows how the cognitive and behavioral presentation of the disorder mirrors the changing neurobiological context, and displays the numerous techniques being employed (e.g. behavior and rehabilitation therapies, electrical stimulation, and computer/machine neuromodulation of brain signals) underlying the neurobiology in ways that facilitate adaptive plasticity and cognitive recovery. An important feature of the book involves characterizing the degree to which the mechanistic principles governing neuroplastic responses and cognitive reorganization in the brain have been elucidated, making clear that it is these principles which will allow us to further develop rational rehabilitative therapies, match patients to appropriate treatments, and even begin to predict clinical treatment outcomes.

Universal Subgoaling and Chunking Jun 13 2021 Rarely do research paths diverge and converge as neatly and productively as the paths exemplified by the two efforts contained in this book. The story behind these researches is worth recounting. The story, as far as I'm concerned, starts back in the Fall of 1976, when John Laird and Paul Rosenbloom, as new graduate students in computer science at Carnegie-Mellon University, joined the Instructible Production System (IPS) project (Rychener, Forgy, Langley, McDermott, Newell, Ramakrishna, 1977; Rychener & Newell, 1978). In those days, production systems were either small or special or both (Newell, 1973; Shortliffe, 1976). Mike Rychener had just completed his thesis (Rychener, 1976), showing how production systems could effectively and perspicuously program the full array of artificial intelligence (AI) systems, by creating versions of Studell (done in an earlier study, Rychener 1975), EPAM, GPS, King-Pawn-King endgames, a toy-blocks problem solver, and a natural-language input system that connected to the blocks-world system.

The Advancement of Science : Science without Legend, Objectivity without Illusions Dec 07 2020 During the last three decades, reflections on the growth of scientific knowledge have inspired historians, sociologists, and some philosophers to contend that scientific objectivity is a myth. In this book, Kitcher attempts to resurrect the notions of objectivity and progress in science by identifying both the limitations of idealized treatments of growth of knowledge and the overreactions to philosophical idealizations. Recognizing that science is done not by logically omniscient subjects working in isolation, but by people with a variety of personal and social interests, who cooperate and compete with one another, he argues that, nonetheless, we may conceive the growth of science as a process in which both our vision of nature and our ways of learning more about nature improve. Offering a detailed picture of the advancement of science, he sets a new agenda for the philosophy of science and for other "science studies" disciplines.

The SAGE Handbook of Social Cognition Feb 09 2021 The SAGE Handbook of Social Cognition is a landmark volume. Edited by two of the field's most eminent academics and supported by a distinguished global advisory board, the 56 authors - each an expert in their own chapter topic - provide authoritative and thought-provoking overviews of this fascinating territory of research. Not since the early 1990s has a Handbook been published in this field, now, Fiske and Macrae have provided a timely and seminal benchmark: a state of the art overview that will benefit advanced students and academics not just within social psychology but beyond these borders too. Following an introductory look at the 'uniqueness of social cognition', the Handbook goes on to explore basic and underlying processes of social cognition, from implicit social cognition and consciousness and meta-cognition to judgment and decision-making. Also, the wide-ranging applications of social cognition research in 'the real world' from the burgeoning and relatively recent fields of social cognitive development and social cognitive aging to the social cognition of relationships are investigated. Finally, there is a critical and exciting exploration of the future directions in this field. The SAGE Handbook of Social Cognition will be an indispensable volume for any advanced student or academic wanting or needing to understand the landscape of social cognition research in the 21st century.

An Introduction to Applied Cognitive Psychology Oct 17 2021 An Introduction to Applied Cognitive Psychology offers an accessible review of recent research in the application of cognitive methods, theories, and models. Using real-world scenarios and engaging everyday examples this book offers clear explanations of how the findings of cognitive psychologists have been put to use. The book explores all of the major areas of cognitive psychology, including attention, perception, memory, thinking and decision making, as well as some of the factors that affect cognitive processes, such as drugs and biological cycles. Now in full colour, this new edition has been thoroughly updated to include cutting-edge research and theories. There are also new chapters on perceptual errors and accidents, the influence of emotion, and the role of cognitive factors in music and sport. Written by well-respected experts in the field, this textbook will appeal to all undergraduate students of cognitive psychology, as well as professionals working in the areas covered in the book, such as education, police work, sport, and music.

The Psychology of Goals Sep 28 2022 Bringing together leading authorities, this tightly edited volume reviews the breadth of current knowledge about goals and their key role in human behavior. Presented are cutting-edge theories and findings that shed light on the ways people select and prioritize goals: how they are pursued; factors that lead to success or failure in achieving particular aims; and consequences for individual functioning and well-being. Thorough attention is given to both conscious and nonconscious processes. The biological, cognitive, affective, and social underpinnings of goals are explored, as is their relationship to other motivational constructs.

New Perspectives on Mind-Wandering Feb 27 2020 In the last decade, a great variety and volume of scholarly work has appeared on mind-wandering, a mental process involving a vast range of human life, connected with "first-person perspective" and "personhood", submental thinking, mental autonomy, etc. While different and emerging features that flow into and out of one another (second field, mental travel, visual imagery, inner speech, unspecific memory, autobiographical memory, fantasies, introspection, etc.) and negative and positive approaches seem to describe mind-wandering, we offer an interdisciplinary theoretical and empirically informed and

informative overview on mind-wandering studies and methodologies oriented toward the educational field. The aim is to transform and enrich the debate on mind-wandering but also to show how theoretical arguments and research findings could inform the teaching-learning context. This groundbreaking book, moves along three representations of developed scientific knowledge: imaginary lines, circles and spirals. The first section, "The Lines", develops new lines of inquiry on attention (selective and sustained) and mind-wandering, the influence of age and mind-wandering, embodiment, consciousness and experience and mind-wandering. In the second section, the "Circles", groups of Chapters on the same topic, methodology (tasks and measurement), intervention (auditory beat stimulation and mindfulness practices) and creativity, recreate a dance of interacting parts in which there are always profitable, decisive and retroactive exchanges between the information that each group or author activates. The last section, "The Spirals", critically discusses the absence of a unified theoretical perspective, in the pedagogical field, attentive both to the processes of emergence and the interactions between parts.

Executive Functions and the Frontal Lobes Jul 22 2019 This volume has as its primary aim the examination of issues concerning executive function and frontal lobe development. While many texts have addressed these issues, this is the first to do so within a specifically developmental framework. This area of cognitive function has received increasing attention over the past decade, and it is now established that the frontal lobes, and associated executive functions, are critical for efficient functioning in daily life. It is also clear, and of particular relevance to this text, that these functions develop gradually through childhood, and then deteriorate during old age. These developmental trajectories, and the impact of any interruption to them, are the focus of this volume.

The Unified Learning Model Jul 26 2022 This is a book about how humans learn. Our focus is on classroom learning although the principles are, as the name of this book indicates, universal. We are concerned with learning from pre-school to post-graduate. We are concerned with most business, industrial and military training. We do not address how infants learn how to speak or walk, or how grown-ups improve their tennis swing. We do address all learning described by the word "thought", as well as anything we might try to teach, or instruct in formal educational settings. In education, the words theory and model imply conjecture. In science, these same words imply something that is a testable explanation of phenomena able to predict outcomes of experiments. This book presents a model of learning that the authors offer in the sense of scientists rather than educators. Conjecture implies that information is incomplete, and so it surely is with human learning. On the other hand, we assert that more than enough is known to sustain a "scientist?" model of learning. This book is not a review of the literature. Instead, it is a synthesis. Scholars and many teachers likely have heard much if not most or even all of the information we use to develop the unified learning model. What you have not read before is a model putting the information together in just this way: this is the first one.

Assessing Mindfulness and Acceptance Processes in Clients Sep 23 2019 How does mindfulness work? Thousands of therapists utilize mindfulness-based treatments and have witnessed firsthand the effectiveness of these approaches on clients suffering from anxiety, depression, and other common mental health issues. But for many clinicians, the psychological processes and brain functions that explain these changes remain a mystery, and effective methodologies for measuring each client's progress are elusive. In *Assessing Mindfulness and Acceptance Processes in Clients*, Ruth Baer presents a collection of articles by some of the most respected mindfulness researchers and therapists practicing today. Each contribution assesses the variables that represent potential processes of change, such as mindfulness, acceptance, self-compassion, spirituality, and focus on values, and determines the importance of each of these processes to enhanced psychological functioning and quality of life. Clinicians learn to accurately measure each process in individual clients, an invaluable skill for any practicing therapist. A seminal contribution to the existing professional literature on mindfulness-based treatments, this book is also an essential resource for any mental health professional seeking to illuminate the processes at work behind any mindfulness and acceptance-based therapy. The *Mindfulness and Acceptance Practica Series* As mindfulness and acceptance-based therapies gain momentum in the field of mental health, it is increasingly important for professionals to understand the full range of their applications. To keep up with the growing demand for authoritative resources on these treatments, the *Mindfulness and Acceptance Practica Series* was created. These edited books cover a range of evidence-based treatments, such as acceptance and commitment therapy (ACT), cognitive behavioral therapy (CBT), compassion-focused therapy (CFT), dialectical behavioral therapy (DBT), and mindfulness-based stress reduction (MBSR) therapy. Incorporating new research in the field of psychology, these books are powerful tools for mental health clinicians, researchers, advanced students, and anyone interested in the growth of mindfulness and acceptance strategies.

Personality and Motivational Differences in Persons With Mental Retardation Mar 22 2022 This book presents the most comprehensive review of research regarding personality and motivational differences in persons with mental retardation. From the personal commentary of Edward Zigler, H. Carl Haywood, and Harvey N. Switzky, the book summarizes the classical work of the Yale and Peabody-Vanderbilt School over the last 40 years. A sampling of new directions in research is provided, including work on self-determination theory and practice; decision making; direct and indirect effects of genetic mental retardation syndromes on personality; personality and psychopathology in genetic mental retardation syndromes; a new theory of information processing linking cognition, motivation, and performance; and a sensitivity theory of motivation. This definitive work presents older and evolving newer models and applications to the field in order to demonstrate the power of motivational variables in understanding the behavior of persons with mental retardation. The purpose is to enhance the quality of life in persons with mental retardation and other developmental disabilities.

The Distracted Mind Oct 25 2019 Why our brains aren't built for media multitasking, and how we can learn to live with technology in a more balanced way. "Brilliant and practical, just what we need in these techno-human times."—Jack Kornfield, author of *The Wise Heart* Most of us will freely admit that we are obsessed with our devices. We pride ourselves on our ability to multitask—read work email, reply to a text, check Facebook, watch a video clip, talk on the phone, send a text, drive a car. Enjoy family dinner with a glowing smartphone next to our plates. We can do it all, 24/7! Never mind the errors in the email, the near-miss on the road, and the unheard conversation at the table. In *The Distracted Mind*, Adam Gazzaley and Larry Rosen—a neuroscientist and a psychologist—explain why our brains aren't built for multitasking, and suggest better ways to live in a high-tech world without giving up our modern technology. The authors explain that our brains are limited in their ability to pay attention. We don't really multitask but rather switch rapidly between tasks. Distractions and interruptions, often technology-related—referred to by the authors as "interference"—collide with our goal-setting abilities. We want to finish this paper/spreadsheet/sentence, but our phone signals an incoming message and we drop everything. Even without an alert, we decide that we "must" check in on social media immediately. Gazzaley and Rosen offer practical strategies, backed by science, to fight distraction. We can change our brains with meditation, video games, and physical exercise; we can change our behavior by planning our accessibility and recognizing our anxiety about being out of touch even briefly. They don't suggest that we give up our devices, but that we use them in a more balanced way.

Principles of Frontal Lobe Function Jan 20 2022 *Principles of Frontal Lobe Function*, Second Edition is an expanded volume, divided into 9 sections representing major research and clinical disciplines, including new topics such as social neuroscience. This book will provide clinicians, researchers, and students with the most current information as the mystery of the frontal lobes is unraveled.

Traumatic Brain Injury Aug 03 2020 This thoroughly revised and updated work covers numerous advances in traumatic brain injury diagnosis, evaluation, treatment, and pathophysiology. Since publication of the first edition in 2012, there has been greatly increased public awareness of the clinical consequences of even the mildest of head injuries, and the result has been a concerted effort of countries around the world to increase research funding. This second edition continues to focus on mild traumatic brain injury—or concussion—and contains updates to all the original chapters as well as adding new chapters addressing clinical sequelae, including pediatric concussion, visual changes, chronic traumatic encephalopathy, and blast-associated TBI. *Traumatic Brain Injury: A Clinician's Guide to Diagnosis, Management, and Rehabilitation*, Second Edition, is a comprehensive resource designed for neurologists, primary care clinicians, sports physicians, and other medical providers, including psychologists and neuropsychologists, as well as athletic trainers who may evaluate and care for individuals who have sustained a TBI. The book features summaries of the most pertinent areas of diagnosis and therapy, which can be readily accessed by the busy clinician/professional. In addition, the book's treatment algorithms provide a highly practical reference to cutting edge therapies, and an updated appendix of ICD codes is included. An outstanding contribution to the literature, *Traumatic Brain Injury: A Clinician's Guide to Diagnosis, Management, and Rehabilitation*, Second Edition, again offers an invaluable resource for all providers who treat patients with TBI.