

Embracing The Wide Sky A Tour Across Horizons Of Mind Daniel Tammet

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State Lotteries Kasey Henricks 2016-08-12 Fifty years ago, familiar images of the lottery would have been strange, as no state lottery existed then. Few researchers have uncovered the obscure role lotteries play in the changing composition of American taxation. Even less is known about what role race plays in this process. More than simply taxing those on the social margins, the emergence of state lotteries in contemporary American history represents something much more fundamental about state fiscal policy. This book not only uncovers the underlying racial factors that contextualize lottery proliferation in the U.S., but also reveals the racial consequences that lotteries have in terms of redistributing tax liability.

Bad Animals Joel Yanofsky 2012-05-01 “A highly readable [and] entertaining telling of what a family, and a marriage especially, goes through when hit with autism spectrum disorders” (Winnipeg Free Press). Honest, heartfelt, and often candidly funny, this account of a year in the life of a family describes the struggle of a father, a lifelong book-loving obsessive, to enter and understand his son’s world—the world of autism—using the materials he knows best: self-help books, feel-good memoirs, literary classics from the Bible to Dr. Seuss, old movies, and a stubborn sense of humor. Bad Animals is an exploration of a baffling condition, a memoir of self-discovery enlivened by a self-deprecating wit, and a quirky love story told by a gifted writer. “Sardonically funny and heartfelt enough to draw tears, an immensely satisfying read for parents of disabled and non-disabled children alike . . . A funny, deeply moving and refreshingly honest memoir of raising an autistic child.” —Montreal Gazette

Mathematical and Engineering Methods in Computer Science Zdeněk Kotásek 2012-01-10 This volume constitutes the thoroughly refereed post-conference proceedings of the 7th International Doctoral Workshop on Mathematical and Engineering Methods in Computer Science, MEMICS 2011, held in Lednice, Czech Republic, on October 14-16, 2011. The 13 revised full papers presented together with 6 invited talks were carefully reviewed and selected from 38 submissions. The papers address all current issues of mathematical and engineering methods in computer science, especially: software and hardware dependability, computer security, computer-aided analysis and verification, testing and diagnostics, simulation, parallel and distributed computing, grid computing, computer networks, modern hardware and its design, non-traditional computing architectures, software engineering, computational intelligence, quantum information processing, computer graphics and multimedia, signal, text,

speech, and image processing, and theoretical computer science.

Optimal Variability for Effective Motor Learning Jürgen Birklbauer 2019-01-21 This thesis addresses different manifestations and practical implementations of movement variability in respect to their beneficial effects on movement coordination and learning. The focal point of this topic is formed by the comparison between the contextual interference paradigm and the differential learning approach, representing two variable practice strategies found to improve motor learning performance under certain conditions. The theoretical backgrounds and empirical findings of each approach are thoroughly reviewed in the first part of this work. These theoretical concepts, and their resultant practical training approaches, arrive at the notion of an optimal magnitude and structure of movement variability that should be encouraged during practice. The second part of this work presents a parallelgroup study designed to contrast the effects of a high contextual interference and schema-based practice regime with two variants of differential training on the adoption of two indoor hockey skills in beginners.

Eine PR der nächsten Gesellschaft Peter Winkler 2014-10-21 Die Rede von einem umfassenden medialen und sozialen Wandel ist in der Online-PR aktuell weit verbreitet. Peter Winkler unterzieht im vorliegenden Buch diese Wandlungsrhetorik einer Kritik und entwickelt einen soziologisch fundierten Alternativzugang. Drei Fragestellungen stehen dabei im Zentrum: Wie lässt sich der vielfach attestierte mediale Kontrollverlust der PR entlang inhaltlicher und technischer Vernetzungslogiken im Web erklären? Wie kann der PR organisationale Identitätsbildung im Lichte steigender Flexibilitätsanforderungen noch gelingen? Und wie ist mit dem zunehmend evidenten Vereinbarkeitsproblem funktionaler Organisations- und partikulärer Beziehungserwartungen an die PR umzugehen?

Expressive Arts Education and Therapy Markus Scott-Alexander 2020-06-29 In Expressive Arts Education and Therapy we see how the creative process in a dance theatre lab evolved into a Creative Process-based Research project that included the director/choreographer and participants in a collaborative sense-making project.

Worlds of Autism Joyce Davidson 2013-11-01 Since first being identified as a distinct psychiatric disorder in 1943, autism has been steeped in contestation and controversy. Present-day skirmishes over the potential causes of autism, how or even if it should be treated, and the place of Asperger's syndrome on the autism spectrum are the subjects of intense debate in the research community, in the media, and among those with autism and their families. Bringing together innovative work on autism by international scholars in the social sciences and humanities, *Worlds of Autism* boldly challenges the deficit narrative prevalent in both popular and scientific accounts of autism spectrum disorders, instead situating autism within an abilities framework that respects the complex personhood of individuals with autism. A major contribution to the emerging, interdisciplinary field of critical autism studies, this book is methodologically and conceptually broad. Its authors explore the philosophical questions raised by autism, such as how it complicates neurotypical understandings of personhood; grapple with the politics that inform autism research, treatment, and care; investigate the diagnosis of autism and the recognition of difference; and assess representations of autism and stories told by and about those with autism. From empathy, social circles, and Internet communities to biopolitics, genetics, and diagnoses, *Worlds of Autism* features a range of perspectives on autistic subjectivities and the politics of cognitive difference, confronting society's assumptions about those with autism and the characterization of autism as a disability. Contributors: Dana Lee Baker, Washington State U; Beatrice Bonniau, Paris Descartes U; Charlotte Brownlow, U of Southern Queensland, Australia; Kristin Bumiller, Amherst College; Brigitte Chamak, Paris Descartes U; Kristina Chew, Saint Peter's U, New Jersey; Patrick McDonagh, Concordia U, Montreal; Stuart Murray, U of Leeds; Majja Holmer Nadesan, Arizona State U; Christina Nicolaidis, Portland State U; Lindsay O'Dell, Open U, London; Francisco Ortega, State U of Rio de Janeiro; Mark Osteen, Loyola U, Maryland; Dawn Eddings Prince; Dora Raymaker; Sara Ryan, U of Oxford; Lila Walsh.

Sensory Integration and the Unity of Consciousness David Bennett 2022-06-07 Philosophers and cognitive scientists address the relationships

among the senses and the connections between conscious experiences that form unified wholes. In this volume, cognitive scientists and philosophers examine two closely related aspects of mind and mental functioning: the relationships among the various senses and the links that connect different conscious experiences to form unified wholes. The contributors address a range of questions concerning how information from one sense influences the processing of information from the other senses and how unified states of consciousness emerge from the bonds that tie conscious experiences together. *Sensory Integration and the Unity of Consciousness* is the first book to address both of these topics, integrating scientific and philosophical concerns. A flood of recent work in both philosophy and perception science has challenged traditional conceptions of the sensory systems as operating in isolation. Contributors to the volume consider the ways in which perceptual contact with the world is or may be "multisensory," discussing such subjects as the modeling of multisensory integration and philosophical aspects of sensory modalities. Recent years have seen a similar surge of interest in unity of consciousness. Contributors explore a range of questions on this topic, including the nature of that unity, the degree to which conscious experiences are unified, and the relationship between unified consciousness and the self. Contributors Tim Bayne, David J. Bennett, Berit Brogaard, Barry Dainton, Ophelia Deroy, Frederique de Vignemont, Marc Ernst, Richard Held, Christopher S. Hill, Geoffrey Lee, Kristan Marlow, Farid Masrour, Jennifer Matey, Casey O'Callaghan, Cesare V. Parise, Kevin Rice, Elizabeth Schechter, Pawan Sinha, Julia Trommershaeuser, Loes C. J. van Dam, Jonathan Vogel, James Van Cleve, Robert Van Gulick, Jonas Wulff

Varieties of Psychological Inquiry - Volume 1 Anab Whitehouse 2018-11-06 'Varieties of Psychological Inquiry' (Volumes 1 and 2) consists of twenty-five essays (distributed across two volumes) that venture into various facets of psychology - ranging from: Freud, Jung and Sullivan, to: Piaget, Sheldrake, and beyond. Among the topics explored are: Anxiety, dissociation, abuse, charisma, developmental psychology, the 'God gene', SSRIs, memory, chronobiology, neurobiology, consciousness, and holographic theories of mind. While no particular theory of psychology is espoused during the pages of this two volume work, a variety of theoretical and empirical issues are critically explored and reflected upon in considerable detail. In a sense, the direction in which the essays in these two books point is toward epistemological horizons where what is known (possibly) seeks to merge with what is not, yet, known.

Autism and the Edges of the Known World Olga Bogdashina 2010 `Brilliantly, Olga weaves together science and real life experiences of people with autism leading the reader to a greater understanding of how sensory differences can bring people with autism to the edges and beyond of neurotypical perception. This book has my highest recommendation for anyone wanting to learn more about sensory awareness and perception for people with autism - as well as for themselves.'---Stephen Shore, Ed.D., Assistant Professor of Special Education at Adelphi University and internationally-known author, presenter, and consultant on issues related to autism `This is an entrancing read and an excellent reflection of Dr Bogdashina's wide range of interests. It is to her credit as an academician that she draws upon such varied subjects as philosophy and quantum mechanics to illustrate her thought process and call into question different aspects of our individuality.'---Manuel Casanova, Gottfried and Gisela Kolb Endowed Chair in Psychiatry, University of Louisville `Olga Bogdashina's book is a magnificent and much-needed account of the nature of sensory differences in autism, full of fresh, fascinating and perceptive insights.'---Adam Feinstein, autism researcher, Autism Cymru, and editor of Looking Up (www.lookingupautism.org) In this ground-breaking book, Olga Bogdashina examines traditional theories of sensory perception and communication in autism. Drawing on linguistics, philosophy, neuroscience, psychology, anthropology and quantum mechanics, she shows that a wider perspective can reveal much about how the nature of the senses informs an individual's view of the world, and about how language both reflects and constructs that view. Examining the `whys and hows' of the senses, and the role of language, Olga Bogdashina challenges common perceptions of what it means to be `normal' or `abnormal'. In doing so, she shows that autism can help to illuminate our understanding of what it

means to be human, and of how we have developed faculties that have shaped our cognition, language and behaviour. Her findings lead her to explore phenomena commonly associated with the paranormal - including premonitions, telepathy, and déjà vu - which, she suggests, can largely be explained in natural terms. This intelligent and incisive book will appeal to anyone with a personal or professional interest in autism, including clinical practitioners, individuals on the autism spectrum and their families, students and researchers, speech and language therapists, occupational therapists and other professionals.

The Childhood of Religions Edward Clodd 1883

Ungifted Scott Barry Kaufman 2013-06-04 Child prodigies. Gifted and Talented Programs. Perfect 2400s on the SAT. Sometimes it feels like the world is conspiring to make the rest of us feel inadequate. Those children tapped as possessing special abilities will go on to achieve great things, while the rest of us have little chance of realizing our dreams. Right? In *Ungifted*, cognitive psychologist Scott Barry Kaufman -- who was relegated to special education as a child -- sets out to show that the way we interpret traditional metrics of intelligence is misguided. Kaufman explores the latest research in genetics and neuroscience, as well as evolutionary, developmental, social, positive, and cognitive psychology, to challenge the conventional wisdom about the childhood predictors of adult success. He reveals that there are many paths to greatness, and argues for a more holistic approach to achievement that takes into account each young person's personal goals, individual psychology, and developmental trajectory. In so doing, he increases our appreciation for the intelligence and diverse strengths of prodigies, savants, and late bloomers, as well as those with dyslexia, autism, schizophrenia, and ADHD. Combining original research, anecdotes, and a singular compassion, *Ungifted* proves that anyone -- even those without readily observable gifts at any single moment in time -- can become great.

Autism Spectrum Disorders Ana Maria Rodriguez 2011 Provides case studies of people living with autism spectrum disorders and information about symptoms, treatment, research, and coping with ASD.

Libre Acceso Susan Antebi 2015-12-02 Analyzes the diverse roles and pervasive presence of disability in Latin American literature and film. *Libre Acceso* stages an innovative encounter between disciplines that have remained quite separate: Latin American literary, film, and cultural studies and disability studies. It offers a much-needed framework to engage the representation, construction, embodiment, and contestation of human differences, and provides tools for the urgent resignification of a robust and diverse Latin American literary and filmic tradition. The contributors discuss such topics as impairment, trauma, illness and the body, performance, queer theory, subaltern studies, and human rights, while analyzing literature and film from Argentina, Brazil, Chile, Colombia, Cuba, Mexico, and Peru. They explore these issues through the work of canonical figures Jorge Luis Borges, Gabriel García Márquez, João Guimarães Rosa, and others, as well as less well-known figures, including Mario Bellatin and Miriam Alves. Susan Antebi is Associate Professor of Spanish at the University of Toronto and the author of *Carnal Inscriptions: Spanish American Narratives of Corporeal Difference and Disability*. Beth E. Jörgensen is Professor of Spanish at the University of Rochester. She is the author of *Documents in Crisis: Nonfiction Literatures in Twentieth-Century Mexico* and the coeditor (with Ignacio Corona) of *The Contemporary Mexican Chronicle: Theoretical Perspectives on the Liminal Genre*, both also published by SUNY Press.

Future Minds Richard Watson 2010-11-26 Drawing on the latest research, this book looks at the ways that screen culture is shaping the future and changing the way we think. *Future Minds* asks: are we becoming addicted to data and how do we go about starting a digital diet, urgently? You'll find thought-provoking and practical suggestions about reclaiming the space and time to think deeply.

Kommunikative Komplexitätsbewältigung Karim Fathi 2019-10-10 Karim Fathi liefert erstmalig einen Überblick über die unterschiedlichen Diskurse und Strategien der Komplexitätsbewältigung auf der Ebene von Teams, Organisationen und Gesellschaften. Unter der Leitdifferenz kommunikativer Komplexitätsbewältigung untersucht er Fragen wie: Welche Strategien und Methoden ergeben sich im Umgang mit komplexen,

vieldimensionalen und unvorhersehbaren Problemen? Wie können Kommunikationsprozesse so gestaltet werden, dass sie höhere kollektive Intelligenz ermöglichen? Sein universell anwendbarer Ansatz unterstützt komplexe Problemlöseprozesse auf allen Ebenen und fördert transdisziplinäres Denken in Zeiten globalen strukturellen Wandels.

The Lighting of the Fire Fr. Benigno P. Beltran 2019-10-15 The book contains deeply insightful, objectively-argued, clear and succinct and synthesized ideas in education, philosophy, theory and practice.

The Panic Virus Seth Mnookin 2012-01-03 A searing account of how vaccine opponents have used the media to spread their message of panic, despite no scientific evidence to support them.

Varieties of Psychological Inquiry - Volume 2 Anab Whitehouse 2018-11-06 'Varieties of Psychological Inquiry' consists of twenty-five essays (distributed across two volumes) that venture into various facets of psychology - ranging from: Freud, Jung and Sullivan, to: Piaget, Sheldrake, and beyond. Among the topics explored are: Anxiety, dissociation, abuse, charisma, developmental psychology, the 'God gene', SSRIs, memory, chronobiology, neurobiology, consciousness, and holographic theories of mind. While no particular theory of psychology is espoused during the pages of this two volume work, a variety of theoretical and empirical issues are critically explored and reflected upon in considerable detail. In a sense, the direction in which the essays of this book point is toward epistemological horizons where what is known (possibly) seeks to merge with what is not, yet, known.

The Cambridge Handbook of Intelligence Robert J. Sternberg 2011-05-30 This volume provides the most comprehensive and up-to-date compendium of theory and research in the field of human intelligence. Each of the 42 chapters is written by world-renowned experts in their respective fields, and collectively, they cover the full range of topics of contemporary interest in the study of intelligence. The handbook is divided into nine parts: Part I covers intelligence and its measurement; Part II deals with the development of intelligence; Part III discusses intelligence and group differences; Part IV concerns the biology of intelligence; Part V is about intelligence and information processing; Part VI discusses different kinds of intelligence; Part VII covers intelligence and society; Part VIII concerns intelligence in relation to allied constructs; and Part IX is the concluding chapter, which reflects on where the field is currently and where it still needs to go.

Autism Spectrum Disorders Ana María Rodríguez 2011-04-01 Every year, one out of every 100 children in the United States or six out of every 1,000 young people worldwide is diagnosed with autism. Autism spectrum disorders (ASD) are a neurologically based family of developmental disorders that can impact people's communication and social skills. ASD includes both autism and Asperger syndrome. Cutting-edge research and scientific studies are probing into the genetic foundation of ASD. Quoting researcher Stephen Scherer about a recent study, USA TODAY, the Nation's No. 1 Newspaper, notes that, most individuals with autism are probably genetically quite unique.

Islands of Genius Darold A. Treffert 2011-10-12 In this fascinating book, Dr. Treffert looks at what we know about savant syndrome, and at new discoveries that raise interesting questions about the hidden brain potential within us all. He looks both at how savant skills can be nurtured, and how they can help the person who has them, particularly if that person is on the autism spectrum.

SAVANTING: Outperforming your Potential Lauren Holmes 2019-10-01 Bill Gates, Steve Jobs, Jeff Bezos, Mark Zuckerberg, Oprah, and Jim Carrey. What do they have in common? Deep analyses by an executive career maximizer show they all achieved their success using Savanting's biology-driven protocol. Savanting exploits the biology behind how savants outperform their potential – how they achieve incredible feats of genius from deficient brains theoretically incapable of them. We saw this juxtaposed brilliance and deficit with the world's most beloved savant, Raymond Babbitt, brilliantly portrayed by Dustin Hoffman in the 1988 Best Picture, Rain Man. Yet savant superskills hint at capabilities of the human brain most have never experienced. Savanting makes savant genius accessible. This unprecedented protocol empowers brilliant

breakthroughs from the nonbrilliant; vision from nonvisionaries; and extraordinary execution from the execution-challenged. But above all, it releases creativity from noncreatives. Savanting renders all current methods for cultivating creativity obsolete. Studies show we're born 98% creative. Entry into our school systems reduces us to 2% creative by age 7. Savanting reactivates our innate creativity by returning us to the way we were born to operate before cultural interference. Creativity increases in flow state. Savanting's power derives from a subset of the flow state identified by psychologist Mihaly Csikszentmihalyi in his 1991 bestseller, "Flow: The Optimal Experience." Lauren calls this specialized subset "savantflow." The "savant brain" and the "savantflow brain" yield similar savant superskills. Studies show that each of us has one domain in which we exhibit significant creativity. Coincidentally, savants also excel in only one domain. Savanting helps you to discover and develop your domain for creativity, breakthroughs, and flashes of genius. Steve Jobs is synonymous with creativity. Bill Gates is not. Would it surprise you to learn that Lauren's comparative analysis confirms that Gates is at least as creative as Jobs? Bill's unique brand of creativity went undetected by critics who mistakenly assumed the creativity domains of rivals Jobs and Gates were the same. One's creativity domain needs to be the foundational strategy for one's most rewarding career and life. All six superachievers demonstrate this. Jeff Bezos appears eclectic in his pursuits. Lauren shows that he has been creatively forwarding a singular domain since childhood. As a result, even the ever-venturing Jeff Bezos is predictable. Based on his prowess in his creativity domain, you'll want to invest where Jeff invests. This savant-inspired protocol is also a faster more reliable means to achieve mankind's most sought-after goals. Savanting is the most expedient route to self-actualization in existence today. Continuous self-transcendence is built in. Extreme self-knowledge; sustained, self-sufficient self-love and happiness; wholeness; enlightenment; expanded consciousness; and true biology-driven purpose and potential. As the book's final chapters reveal, these are byproducts of the savanting modus operandi. Lauren Holmes developed savanting after interviewing over 300 global change executives in a compressed period of time. The shared way of working she observed was then filtered through the lens of her degree in biological anthropology and her subsequent specialization in career and talent maximization. Needless to say, Lauren has similarly focused her education and career on her own creativity domain to develop this unique maximization methodology. In *Savanting: Outperforming your Potential*, Lauren shares discovery and invention which she was biologically predisposed to pursue. She too outperforms her assumed potential in her personal creativity domain. Lauren Holmes is now a career maximizer turned award-winning maximizing author. She may be reached through LaurenHolmes.com/contact or frontiering.com. The European Encyclopedia Jeff Loveland 2019-07-04 Organized thematically, this book tells the story of the European encyclopedia from 1650 to the present.

Dramatherapy and Autism Deborah Haythorne 2016-07-28 Using extensive examples from practice with a range of client groups, *Dramatherapy and Autism* confronts the assumption that people with autism are not able to function within the metaphorical realms of the imagination and creativity. It demonstrates that not only are people who function along the spectrum capable of engaging in creative exploration, but that through encountering these processes in the clinical context of dramatherapy, changes can be made that are life enhancing. Bringing in cutting-edge research and practice on dramatherapy, *Dramatherapy and Autism* aims to contribute to developing the theory and practice of creative arts therapies interventions with clients with autism. The book is part of the *Dramatherapy: approaches, relationships, critical ideas* series, in which leading practitioners and researchers in the field develop the knowledge base of this unique discipline, whilst contextualising and acknowledging its relationship with other arts and therapeutic practices. *Dramatherapy and Autism* will be of interest to a broad spectrum of readers, such as dramatherapists in practice and training, arts practitioners and academic researchers engaged in multidisciplinary enquiry.

Unbecoming Cinema David H. Fleming 2017-04-03 *Unbecoming Cinema* constitutes a welcome addition to texts that provide a film-philosophical perspective on films that otherwise take on and involve difficult subject matter, including in this case suicide, autistic worldviews, hallucinatory

aesthetics and vomit-gore. The book in effect argues successfully and intelligently that even though hard to watch, many of these films can provide for viewers an opportunity to come to a renewed understanding of self and world. As a result, the author takes on difficult topics, but brings them to life in an exciting, philosophical fashion that also asks readers to rethink what it is that constitutes cinema.

The Autism Checklist Paula Kluth 2009-09-08 Using a checklist format, outlines the basics of autism for parents, caregivers, and educators, and includes information on effective support strategies and helpful resources.

Science of the Magical Matt Kaplan 2016-10-25 "From the author of *The Science of Monsters*, this engaging scientific inquiry provides a definitive look into the elements of mystical places and magical objects--from the philosopher's stone, to love potions to the oracles--from ancient history, mythology, and contemporary culture. Can migrations of birds foretell our future? Do phases of the moon hold sway over our lives? Are there sacred springs that cure the ill? What is the best way to brew a love potion? How do we create mutant humans who regenerate like Wolverine? In *Science of the Magical*, noted science journalist Matt Kaplan plumbs the rich, lively, and surprising history of the magical objects, places, and rituals that infuse ancient and contemporary myth. Like Ken Jennings and Mary Roach, Kaplan serves as a friendly armchair guide to the world of the supernatural. From the strengthening powers of Viking mead, to the super soldiers in movies like *Captain America*, Kaplan ranges across cultures and time periods to point out that there is often much more to these enduring magical narratives than mere fantasy. Informative and entertaining, *Science of the Magical* explores our world through the compelling scope of natural and human history and cutting-edge science."--

Explorations in Medicine, Evolution, and Mind Anab Whitehouse 2018-11-06 This book explores a variety of topics in science, ranging from: Evolution and neurobiology, to: Cancer research, SSRIs, the HIV-AIDS issue, as well as various facets of methodology. Whatever your present thoughts might be concerning the foregoing topics, after reading 'Explorations in Medicine, Evolution and Mind', you might be willing to entertain the idea of revising certain aspects of your understanding in relation to the aforementioned areas of research.

Moonwalking with Einstein Joshua Foer 2011-04-07 'Be prepared to be amazed' Guardian Can anyone get a perfect memory? Joshua Foer used to be like most of us, forgetting phone numbers and mislaying keys. Then he learnt the art of memory training, and a year later found himself in the finals of the US Memory Championship. He also discovered a truth we often forget: that, even in an age of technology, memory is the key to everything we are. In *Moonwalking with Einstein* he takes us on an astonishing journey through the mind, from ancient 'memory palace' techniques to neuroscience, from the man who can recall nine thousand books to another who constantly forgets who he is. In doing so, Foer shows how we can all improve our memories. 'Captivating ... engaging ... smart and funny' The New York Times 'Delightful ... uplifting ... it shows that our minds can do extraordinary things' Wall Street Journal 'Great fun ... a book worth remembering' Independent 'A lovely exploration of the ways that we preserve our lives and our world in the golden amber of human memory' New Scientist

Struck by Genius Jason Padgett 2014-04-22 From head trauma to scientific wonder—a “deeply absorbing . . . fascinating” true story of acquired savant syndrome (Entertainment Weekly). Twelve years ago, Jason Padgett had never made it past pre-algebra. But a violent mugging forever altered the way his brain worked. It turned an ordinary math-averse student into an extraordinary young man with a unique gift to see the world as no one else does: water pours from the faucet in crystalline patterns, numbers call to mind distinct geometric shapes, and intricate fractal patterns emerge from the movement of tree branches, revealing the intrinsic mathematical designs hidden in the objects around us. As his ability to understand physics skyrocketed, the “accidental genius” developed the astonishing ability to draw the complex geometric shapes he saw everywhere. Overcoming huge setbacks and embracing his new mind, Padgett “gained a vision of the world that is as beautiful as it is challenging.” Along the way he fell in love, found joy in numbers, and spent plenty of time having his head examined (The New York Times Book

Review). Illustrated with Jason's stunning, mathematically precise artwork, his singular story reveals the wondrous potential of the human brain, and "an incredible phenomenon which points toward dormant potential—a little Rain Man perhaps—within us all" (Darold A. Treffert, MD, author of *Islands of Genius: The Bountiful Mind of the Autistic, Acquired, and Sudden Savant*). "A tale worthy of Ripley's *Believe It or Not!* . . . This memoir sends a hopeful message to families touched by brain injury, autism, or neurological damage from strokes." —Booklist "How extraordinary it is to contemplate the bizarre gifts that might lie within all of us." —People

Brain & Behavior Bob Garrett 2017-10-04 Ignite your excitement about behavioral neuroscience with *Brain & Behavior: An Introduction to Behavioral Neuroscience, Fifth Edition* by best-selling author Bob Garrett and new co-author Gerald Hough. Garrett and Hough make the field accessible by inviting readers to explore key theories and scientific discoveries using detailed illustrations and immersive examples as their guide. Spotlights on case studies, current events, and research findings help readers make connections between the material and their own lives. A study guide, revised artwork, new animations, and an accompanying interactive eBook stimulate deep learning and critical thinking.

Life Stories: A Guide to Reading Interests in Memoirs, Autobiographies, and Diaries Maureen O'Connor 2011-08-23 Memoirs, autobiographies, and diaries represent the most personal and most intimate of genres, as well as one of the most abundant and popular. Gain new understanding and better serve your readers with this detailed genre guide to nearly 700 titles that also includes notes on more than 2,800 read-alike and other related titles. • A list of subjects and suggested "read-alikes" accompany each title • Appendixes cover awards, websites, and resources • Detailed indexes provide further points of access

New Scientist 2009

The Proust Effect Cretien van Campen 2014 The senses can be powerful triggers for memories of our past, eliciting a range of both positive and negative emotions. In this book we explore what is so special about sense memories, how they work in the brain, how they can enrich our daily life, and even how they can help those suffering from problems involving memory.

Rethinking Autism Lynn Waterhouse 2013 There is a near hysteria over dramatic increases in autism prevalence at a time when we still don't know what causes the disorder and have no known cures. More and more money is being poured into autism research with conflicting research findings, none of which appear to be getting us closer to prevention or treatment. This book carefully examines the psychology, neuroscience, genetic, and medical research findings to date from autism research and provocatively suggests that what we've labeled "autism" is several different disorders, and the way forward for more effective research for prevention and treatment. Autism is a massive worldwide problem with increasing prevalence rates, now thought to be as high as 1 in 38 children (Korea) and 1 in 100 children (CDC- US) Autism is the 3rd most common developmental disability. 400,000 people in the US alone have autism Autism affects entire brain including communication, social behavior, reasoning and is lifelong There is no known cause and no cure Funding for Autism research quadrupled from 1995 to 2000 up to \$45m, and the Interagency Autism Coordinating Committee has recommended \$1billion funding from 2010-2015

Tasting the Universe Maureen Seaberg 2011-03-15 "Explores a dimension of synesthesia long encountered in reports of synesthetes: its relation to mystical and artistic vision . . . fascinating accounts."—Patricia Lynne Duffy, author of *Blue Cats and Chartreuse Kittens* What happens when a journalist turns her lens on a mystery happening in her own life? Maureen Seaberg did just that and lived for a year exploring her synesthesia. The wondrous brain trait is often described as blended senses, but for Maureen, synesthesia is not an idle "brain tick" that can be explained away by science (although it does offer some important clues). It is a unique ability to tap into and reveal a greater creative universe and even the divine. Join her as she visits top neuroscientists, rock stars, violinists, other synesthetes, philosophers, savants, quantum physicists and even Tibetan lamas in her journey toward the truth. Step into Maureen's shimmering alternate universe as she explores this fascinating subject,

combining clear explanations of groundbreaking scientific research with an exploration of deeper spiritual truths. “Tasting the Universe is not only the brilliant writing of a top, professional journalist looking in on a strange but romantic phenomena, but it is the writing of a person who could embrace the feelings of those she interviews, because author Seaberg herself possesses this remarkable gift of synesthesia. I predict when you pick up this book, you will be unable to put it down, as it will open up for you a whole new world in our universe.”—The Amazing Kreskin Embracing the Wide Sky Daniel Tammet 2009-12-29 A tour of brain science and the latest understandings about the human mind explores the disparity between the brain's seemingly endless capacity and its tendency to fail at even simple tasks, in an account by a famous autistic savant that incorporates elements of his own story. Reprint.

The Autism Matrix Gil Eyal 2013-08-26 Today autism has become highly visible. Once you begin to look for it, you realize it is everywhere. Why? We all know the answer or think we do: there is an autism epidemic. And if it is an epidemic, then we know what must be done: lots of money must be thrown at it, detection centers must be established and explanations sought, so that the number of new cases can be brought down and the epidemic brought under control. But can it really be so simple? This major new book offers a very different interpretation. The authors argue that the recent rise in autism should be understood as an “aftershock” of the real earthquake, which was the deinstitutionalization of mental retardation in the mid-1970s. This entailed a radical transformation not only of the institutional matrix for dealing with developmental disorders of childhood, but also of the cultural lens through which we view them. It opened up a space for viewing and treating childhood disorders as neither mental illness nor mental retardation, neither curable nor incurable, but somewhere in-between. The authors show that where deinstitutionalization went the furthest, as in Scandinavia, UK and the “blue” states of the US, autism rates are also highest. Where it was absent or delayed, as in France, autism rates are low. Combining a historical narrative with international comparison, The Autism Matrix offers a fresh and powerful analysis of a condition that affects many parents and children today.

Advanced Proficiency and Exceptional Ability in Second Languages Kenneth Hyltenstam 2016-07-25 While the literature on second language acquisition and use is overwhelmingly rich with respect to initial and intermediate stages of development, present knowledge of levels of ultimate attainment that are equal or close to that of native speakers has so far not been presented in a coherent manner. This is what the present volume aims to achieve. In addition to chapters that summarize what is currently known about the grammatical, lexical, and discourse features that continue to exhibit instability at the most advanced levels of second language development, the volume presents overviews of the incipient research on two unique learner populations, polyglots and employees in international call centres. Polyglots, defined as language users who are proficient in six or more second languages, may be considered second language learners par excellence. Call centre employees in economically less developed parts of the world are intriguing in how they cope with the high language proficiency requirements of their job. In conclusion, this book is relevant for all readers - both professionals and students - interested in the development of second language theory. For language teachers, the book provides insights that are profitable in classrooms for advanced learners.