

Autism Through The Lifespan

This issue of Psychiatric Clinics, guest edited by Drs. Robert Wisner-Carlson, Thomas Flis, Scott Pekrul, and Robert Schloesser will discuss a number of important topics addressing Autism Disorders Across the lifespan. This issue is one of four each year selected by our series consulting editor, Dr. Harsh Trivedi of Sheppard Pratt Health System. Part II of this issue will be publishing subsequently. Articles in this issue include: Diagnosis of Autism Spectrum Disorder Across the Lifespan; The Role of Diagnostic Instruments in Dual and Differential Diagnosis in Autism Spectrum Disorder Across the Lifespan; Current Approaches to the Pharmacologic Treatment of Core Symptoms Across the Lifespan of Autism Spectrum Disorder; Autism and Education; The Transition to Adulthood for Young People with Autism Spectrum Disorder; Social Skills Training in Autism Spectrum Disorder Across the Lifespan; Competitive Integrated Employment for Youth and Adults with Autism: Findings from a Scoping Review; Transitioning from Adolescence to Adulthood with Autism Spectrum Disorder: An Overview of Planning and Legal Issues; Intersection of Eating Disorders and the Female Profile of Autism; and Obsessive–Compulsive Disorder in Autism Spectrum Disorder Across the Lifespan.

Autism Spectrum Disorder highlights current key topics for this complex and challenging developmental neurobiological disorder. In a very practical and concise manner, the reader will find a state-of-the-science review combining key factual knowledge with practical clinical considerations. Written in a user-friendly fashion, this text provides key fact boxes, summary questions, and references for further readings to enhance understanding. This invaluable book incorporates practical clinical knowledge within a didactic framework to provide a comprehensive overview of Autism Spectrum Disorder (ASD) across the lifespan.

This collection of narratives from autistic adults is structured around their decades of experience of life, covering 20s, 30s, 40s, 50s, 60 and 70s+. These are varied and diverse, spanning different continents, genders, sexualities and ethnicities, yet the author highlights the common themes that unite them and skilfully draws out these threads. Each chapter is based on accounts from one age group and includes accounts from people of that age, giving an insight into the history of autism and signifying how gaining a diagnosis (or not) has changed people's lives over time. The book is about ageing with an autistic mind, and helping the reader find connections between neurotypical and neurodiverse people by acknowledging the challenges we all face in our past, present and futures.

The difference that being female makes to the diagnosis, life and experiences of a person with an Autism Spectrum Disorder (ASD) has largely gone unresearched and unreported until recently. In this book Sarah Hendrickx has collected both academic research and personal stories about girls and women on the autism spectrum to present a picture of their feelings, thoughts and experiences at each stage of their lives. Outlining how autism presents differently and can hide itself in females and what the likely impact will be for them throughout their lifespan, the book looks at how females with ASD experience diagnosis, childhood, education, adolescence, friendships, sexuality, employment, pregnancy and parenting, and aging. It will provide invaluable guidance for the professionals who support these girls and women and it will offer women with autism a guiding light in interpreting and understanding their own life experiences through the experiences of others.

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Autism spectrum disorder has received increasing research in recent years, with more information on assessment and treatment than can be readily assimilated from primary literature by clinicians. Clinical Assessment and Intervention for Autism Spectrum Disorders summarizes evidence-based assessments and intervention for Autism across the life-span, providing clinicians with a practical overview of how best to assess and treat this disorder. The book begins with a discussion of what warrants a determination of being "evidence based" and a description of the disorder from a life span perspective. The book also provides a chapter on differential diagnosis of autism relative to other disorders. What follows are separate sections on assessment and intervention. These chapters discuss first how to assess and then separately how to treat behavioral problems, communication and social skills issues, academic and vocational skills, and the use of pharmacology and an assessment of possible pharmacological effects. Intended for practitioners assessing and treating children with developmental delays, the book provides clinicians with best practices for assessing and treating delays associated with autism. Covers the full range of Autism Spectrum Disorders Covers the lifespan Focuses on evidence-based assessment and treatment

The use of music therapy is long established with people with Autistic Spectrum Conditions. The combination of using music and relationship work in person-centred approaches supports the three main areas of difficulty people with autism often experience; social interaction, communication and imagination. Current research supports the positive psychological benefits of music therapy when people with autism spectrum conditions engage with music therapy. This book celebrates the richness of music therapy approaches and brings together the voices of practitioners in the UK. With a strong focus on practice-based evidence it showcases clinicians, researchers and educators working in a variety of settings across the lifespan.

This book is open access under a CC BY 4.0 license. ?This handbook synthesizes and analyzes the growing knowledge base on life course health development (LCHD) from the prenatal period through emerging adulthood, with implications for clinical practice and public health. It presents LCHD as an innovative field with a sound theoretical framework for understanding wellness and disease from a lifespan perspective, replacing previous medical, biopsychosocial, and early genomic models of health. Interdisciplinary chapters discuss major health concerns

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(diabetes, obesity), important less-studied conditions (hearing, kidney health), and large-scale issues (nutrition, adversity) from a lifespan viewpoint. In addition, chapters address methodological approaches and challenges by analyzing existing measures, studies, and surveys. The book concludes with the editors' research agenda that proposes priorities for future LCHD research and its application to health care practice and health policy. Topics featured in the Handbook include: The prenatal period and its effect on child obesity and metabolic outcomes. Pregnancy complications and their effect on women's cardiovascular health. A multi-level approach for obesity prevention in children. Application of the LCHD framework to autism spectrum disorder. Socioeconomic disadvantage and its influence on health development across the lifespan. The importance of nutrition to optimal health development across the lifespan. The Handbook of Life Course Health Development is a must-have resource for researchers, clinicians/professionals, and graduate students in developmental psychology/science; maternal and child health; social work; health economics; educational policy and politics; and medical law as well as many interrelated subdisciplines in psychology, medicine, public health, mental health, education, social welfare, economics, sociology, and law.

With a unique focus on Canada-wide practices and research, this text offers a comprehensive introduction to autism spectrum disorder (ASD). Covering the clinical, educational, and community perspectives of ASD, the authors highlight how educators, direct support professionals, and communities at large can support people with ASD across their lifespan: from early years, to school years, to adulthood. Additionally, the authors emphasize the emerging nature of the field and the importance of evidence based interventions. The resource is divided into four thematic sections. Section one gives an overview of ASD, including prominent researchers in the field and changes in its diagnostic criteria. Section two looks at evidence-based interventions and the newer sensory theories and frameworks. The third section examines ASD across the lifespan, as well as the experiences of parents and families. The final section looks at additional critical issues, including media, sexuality, peer relationships, and immigration. Beyond being a vital asset for ASD programs and resource centres across the country, Autism Spectrum Disorder in the Canadian Context has broad applications suitable for courses on ASD in behavioural science, education, and health studies programs. FEATURES: - Each chapter features figures, definitions, examples, and questions designed to deepen understanding and elicit reflection - Includes feature boxes with interesting perspectives provided by varied members of Canada's ASD community - Unlike other textbooks on ASD, this text focuses on ASD across the lifespan, covering infancy, early childhood and school years, as well as adulthood, in the Canadian context

This book is unique in presenting evidence on development across the lifespan across multiple levels of description (genetic, brain, cognitive, environmental). The authors use a well-defined disorder - Williams syndrome, to explore the impact of genes, brain development, behaviour, as well as the individual's environment on development.

First published in 2002. Routledge is an imprint of Taylor & Francis, an informa company.

Diagnosing Autism Spectrum Disorders: A Lifespan Perspective is the first book of its kind to provide authoritative information for medical and mental health professionals on how to properly evaluate and diagnose autism spectrum disorders in individuals of all ages. The first book of its kind which demonstrates how to conduct an appropriate diagnostic interview to assess a child for an Autism Spectrum Disorder. Considers the issues of Autism Spectrum Disorders in children, teenagers, and adults. Aimed at both medical and mental health professionals. Includes an in-depth treatment of the entire diagnostic process. Autism 360 uses a hybrid and transdisciplinary methodology to identify mechanisms on how autism is prevented, diagnosed, treated and managed within personal and social constructs around the world. Adopting a lifespan approach, the book discusses lifestyle challenges and emphasizes issues relating to neurodiversity, individuality, best practices, and support of both people on the spectrum and their families. This book will help change population and individual attitudes and behaviors regarding autism. Its ultimate goal is to empower readers to become both agents of change and an integral part of the solution. Covers topics from the prevention and treatment of autism and how to live with it. Adopts an integrated methods approach. Features field experiences. Provides valuable syntheses of scattered material. Compares cross-cultural learnings. Discusses the education and employment of those with autism.

The mainstream upper-level undergraduate textbook designed for first courses in Developmental Psychopathology. Developmental Psychopathology provides a comprehensive introduction to the evolving scientific discipline that focuses on the interactions between the biological, psychological, behavioral, and social contextual aspects of normal and abnormal human development. Designed for advanced undergraduates and early graduate students with no previous engagement with the subject, this well-balanced textbook integrates clinical knowledge and scientific practice to help students understand both how and why mental health problems emerge across the lifespan. Organized into four parts, the text first provides students with essential background information on traditional approaches to psychopathology, developmental psychopathology (DP), normal development, and insecure attachment. The next section addresses attention-deficit/hyperactivity disorder (ADHD), autism spectrum disorder (ASD), and other problems emerging in childhood. Part III covers problems that arise in adolescence and young adulthood, such as depression, suicide, eating disorders, and schizophrenia. The text concludes with a discussion of special topics such as the relation between psychopathological issues and divorce, separation, and loss. Each chapter includes a visual demonstration of the DP approach, a clinical case, further readings, and discussion questions. Developmental Psychopathology: Presents a coherent organization of material that illustrates the DP principle of cutting across multiple levels of analysis. Covers common psychopathological problems including antisocial behavior, substance use disorders, fear and anxiety, and emerging personality disorders. Features integrative DP models based on the most recent research in psychopathological disorders. Provides instructors with a consistent pedagogical framework for teaching upper-level students encountering the discipline for the first time. Developmental Psychopathology is the perfect textbook for advanced undergraduate or graduate courses in Child Psychopathology, Abnormal Child Psychology, Clinical Psychology, and Family Dynamics and Psychopathology.

Systemically Treating Autism provides a unique resource for family therapists and other mental health professionals who want to increase their understanding of families with children with autism spectrum disorder (ASD). Through a combination of research, practical interventions, and case vignettes, this text covers the diagnosis of ASD, how ASD impacts the family, systemic theories that can be used when treating families with children with ASD, spirituality and cultural dynamics, and collaboration with other professionals. Providing a systemic framework for conceptualizing a diagnosis that is typically discussed from an individual perspective, this book guides mental health clinicians toward a better understanding of how they can help the entire family unit.

ASD is a common developmental disability, currently identified in 1 of 59 children in the United States and occurring across all racial, ethnic, and socioeconomic groups. Occupational therapy clinicians must have thorough knowledge of factors related to ASD, human function and performance, occupation across multiple contexts, and the interactions among them to make sound intervention decisions. -- back This book provides clinicians and their staff with essential information on the vaccines that are recommended and not recommended for their patients, the diseases these vaccines prevent, and a broad range of potential vaccine safety issues that may be brought up by their patients. Each topic, from specific vaccines to safety concerns, is covered succinctly, based upon systematic reviews of the scientific literature, with talking points to be used with patients. The organization of the information makes it easy to reference specific topics and quickly find pertinent information, with the most practical details (such

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as recommendations and causality conclusions) highlighted at the very beginning of the respective sections. There are also sections outlining the vaccine safety system and evidence-based strategies for how to talk with patients about vaccines. This book aims to improve the efficiency and effectiveness of clinical vaccine discussions with patients, leading to more informed patients and timely vaccination. This is an ideal resource for all clinicians administering vaccines and their healthcare teams.

Written for core introductory coursework on language disorders, LANGUAGE DISORDERS ACROSS THE LIFE SPAN, 3rd edition has been thoroughly updated to illustrate how the latest research can be applied to actual practice by speech-language pathologists when diagnosing and treating language delays and disorders in clients of all ages. The book maintains a clear progression from preschool to school-age children to adults in order to differentiate the origins and progression of language disorders. An expanded discussion of the long term potential impacts of delays and disorders in the preschool years leads in to a new chapter that explores how to set the stage for linguistic and literacy success. Expanded content also includes a new chapter on autism, coverage of right hemisphere deficits in TBI, an expanded discussion of syndromes, and a new discussion of the effects of nicotine on the developing fetus. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

This full-color, clinician-friendly manual is the authoritative guide to implementing the Joint Attention, Symbolic Play, Engagement, and Regulation (JASPER) intervention. With a strong evidence base, JASPER provides a clear, flexible structure to bolster early skills core to social communication development. The authors show how to assess 1- to 8-year-olds with autism spectrum disorder (ASD), set treatment targets, choose engaging play materials, tailor JASPER strategies to each individual, and troubleshoot common challenges. In a convenient large-size format, the manual features case examples, learning exercises, and reproducible clinical tools. Purchasers get access to a companion website where they can download and print the reproducible materials as well as a supplemental annotated bibliography.

Print+CourseSmart

The research on children with autism spectrum disorders (ASD) is extensive and growing. Although these conditions are recognized as affecting the entire lifespan, the literature on ASD after childhood is limited and has not been brought together in a single volume in over a decade. Adolescents and Adults with Autism Spectrum Disorders fills this knowledge gap by focusing on needs and difficulties unique to these stages of development. Expert contributors offer cogent reviews of complex issues, from education to employment, leisure activities to illegal behaviors, mental health issues to medical health concerns. The latest findings in key areas, such as psychosocial and residential treatments, social skills programs, epidemiology, the impact of ASD on families, are examined in detail. Throughout the volume, coverage focuses on areas requiring improved models of assessment, updated data, new interventions and increased support services. Featured topics include: Transition from high school to adulthood for adolescents and young adults with ASD. Innovative programming to support college students with ASD. Romantic relationships, sexuality and ASD. Treatment of mental health comorbidities. Assessment and treatment planning in adults with ASD. The range of outcomes and challenges in middle and later life. Adolescents and Adults with Autism Spectrum Disorders is a must-have reference for a wide range of clinicians and practitioners – as well as researchers and graduate students – in clinical child, school and developmental psychology; child and adolescent psychiatry; social work; rehabilitation medicine/therapy; education and general practice/family medicine. It will also serve as an important resource for parents and caregivers with its focus on translating the current state of knowledge relevant to understanding adolescents and adults with ASD into practical and relevant recommendations on how best to support them.

The Developing Person Through the Life Span, Sixth Edition presents theory, research, practical examples, and policy issues in a way that inspires students to think about human development--and about the individual's role in the community and the world. Review the new edition, and you'll find Berger's signature strengths on display--the perceptive analysis of current research, the lively and personal writing style, and the unmistakable commitment to students. You'll also find a wealth of new topics--plus a video-based Media Tool Kit that takes the teaching and learning of human development to a new level.

A unique analysis of the pediatric and adult manifestations of the most common neuropsychological conditions treated in clinical practice.

Social skills are critical to psychological adjustment across the lifespan. These skills are necessary for attaining a variety of important social, emotional, and interpersonal goals. Social skill deficits and resulting negative social interactions are associated with a wide variety of adjustment problems and psychological disorders. Social Skills across the Life Span: Theory is a comprehensive social skills volume providing in-depth coverage of theory, assessment, and intervention. Divided into three major sections, the volume begins with the definition of social competence, developmental factors, and relations to adjustment. This is followed by coverage of general assessment and intervention issues across the lifespan. In the third section, program developers describe specific evidence-based interventions. Identifies how social skills influence social competence and well being Addresses the full lifespan Reviews methods to assess and intervene with children and adults Details evidence-based interventions for children and adults

"The purpose of the book is to address the core information for understanding the nature of intellectual and developmental disabilities and autism spectrum disorder, the characteristics of persons with these disabilities, and their developmental needs across the lifespan. We hope that the book will prove beneficial to professionals and future professionals representing special education, elementary and secondary education, psychology, human services and related fields who are working with or seeking to work with individuals with disabilities"--

This book contains the latest research on assessment, diagnosis, treatment, intervention and support of individuals with ASD, and examines their implications at various stages of life. A wide range of neurological, genetic, psychological, developmental, social, and emotional issues are covered.

Effective Programs for Treating Autism Spectrum Disorder is written for teachers, parents, and the many service providers who work with individuals with autism spectrum disorder (ASD). Part one reviews the characteristics of ASD, summarizes major theories and research findings regarding cause(s) of ASD, and discusses the most popular treatment claims, examining each approach's scientific base and value. Part two provides an informative overview of applied behavior analysis, focusing on the principles of learning and basic procedures based upon those principles. These two parts provide a foundation for understanding the strategies implemented by the outstanding treatment programs described in Part three. The eight models described in Part three represent comprehensive, evidence-based programs for the treatment of persons with ASD, from infancy through adulthood. Programs reviewed include the Lovaas Institute, Koegel Center, Strategic Teaching and Reinforcement Systems (STARS), Project DATA, New England Children's Center, May Institute, Princeton Child Development Institute, and Judge Rotenberg Center. Strategies explained include intensive early behavioral intervention, Pivotal Response Training, verbal behavior, script fading, social stories, visual activity schedules, functional analysis, the Picture Exchange Communication System, and the Family-Teaching Model.

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Disorders Across the lifespan. This issue is one of four each year selected by our series consulting editor, Dr. Harsh Trivedi of Sheppard Pratt Health System. Part I of this issue published previously. Articles in this issue include: Bipolar Disorder and Psychosis in Autism; Catatonia in Patients with Autism Spectrum Disorder; Use of Electroconvulsive Therapy in Autism; Autism Spectrum Disorder and Substance Use Disorder: A Dual Diagnosis Hiding in Plain Sight; Seizures and Epilepsy in Autism Spectrum Disorder; Gastrointestinal Issues and Autism Spectrum Disorder; The Impact of Applied Behavior Analysis to Address Mealtime Behaviors of Concern Among Individuals with Autism Spectrum Disorder; Assessment and Treatment of Emotion Regulation Impairment in Autism Spectrum Disorder Across the Life Span: Current State of the Science and Future Directions; Sexuality and Gender Issues in Individuals with Autism Spectrum Disorder; and Facial Expression Production and Recognition in Autism Spectrum Disorders: A Shifting Landscape.

For more than twenty years, The Eden Family of Services in Princeton, New Jersey, has provided comprehensive behaviourally based services for children with autism. Now Eden's founding director, David L. Holmes writes about autism and the specialised programmes offered at Eden in *Autism Through the Lifespan*, explaining how Eden's theories and practices can be replicated in other communities. One of the most distinct philosophies of the Eden Model and the book's focus is the concept of 'lifespan services', meaning people in the programme will receive continuous services as needed, over their lifetime. Maintaining a continuum of educational, residential, and employment programmes can create great challenges for Eden's staff who provide the seamless, permanent support network that people with autism and their families often require. With numerous examples and case histories, *Autism Through the Lifespan* presents an in-depth model for helping children and adults with autism that will be of interest to professionals and parents alike. It begins with an overview of what's known about autism today, then continues with discussions about Eden's approach to modifying behaviour, placement and treatment, their 'zero reject' policy, curriculum from early childhood to adulthood, staffing issues, integration, decision-making and parental roles.

The pace of research on Autism Spectrum Disorders (ASD) has expanded exponentially in recent years. It is difficult for anyone to keep up with all developments. This book will assist the experienced and non-specialist reader to keep up with recent developments. The book opens with a focus on the evolutionary aspects of autism and then focuses on the public's attitude towards autism including the stigma issue. Then there is a focus on cortical modularity and electrophysiology followed by treatment issues including sensory, medical and community-based interventions. Finally, forensic issues are dealt with and the importance of the built environment is focused on. The book will be relevant to psychiatrists, psychologists, paediatricians, social workers, speech and language therapists, occupational therapists and care workers.

Various reports in the national media have focused on a potentially significant rise in the incidence of autism during the past decade. As such, providing occupational therapy practitioners with a comprehensive guide for practice with people with an autism spectrum disorder (ASD) continues to be a primary goal of this best-seller. Recognizing that young children grow into adolescents and adolescents grow into adults, this updated edition includes additional content applicable to adults as well as incorporates the findings from the explosion of recent research in this area. Using the Occupational Therapy Practice Framework as a guide, the 24 revised and new chapters provide the information occupational therapy practitioners need to work with individuals with an ASD in client- centered and occupation-based practice.

Therapists play a crucial role in helping children and their families as they navigate the often stormy course of living with autism spectrum disorders (ASD). As cases of autism are increasingly diagnosed, the number of therapists with specialized training cannot keep pace. What is the clinician without prior experience with this disability to do when considering working with a child on the autism spectrum? This “start here” book—a practical beginner’s guide to ASD for therapists—provides the answer. Without getting bogged down in the complexity of the disorder or attempting to turn practitioners into autism specialists, it points therapists—novices and seasoned alike—in the right direction so they’re better equipped to provide support. Because autism can manifest in so many different ways, no cookie-cutter treatment exists and therapists need to be conversant with the basics, from assessment and treatment approaches to common therapeutic issues that can arise. This book serves as an invaluable road map. is an important therapist’s guide representing an all-encompassing approach to working not only with children and their parents, but also with their siblings, family members, and those in the community who are involved in their lives. Ultimately, this book provides a reassuring anchor for any clinician new to treating this disability as well as for those who are seeking alternative approaches to their ongoing work with children diagnosed with ASD.

Prevention Science and Research in Intellectual and Developmental Disabilities, Volume 61 highlights the WHO's emphasis on the importance of adopting a public health approach. Chapters in the book include A Prevention Science Approach to Promoting Health for Those with Developmental Disabilities, From Surviving to Thriving: A New Conceptual Model to Advance Interventions to Support People with FASD Across the Lifespan, Disability-related Abuse in People with Intellectual and Developmental Disabilities: Considerations Across the Lifespan, Two Sides of the Same Coin: A Qualitative Study of Multiple Stakeholder Perspectives on Factors Affecting Implementation of Evidence-Based Practices for Children with Autism in Elementary Schools, and more. Other topics discussed include Family-Focused Interventions as Prevention and Early Intervention of Behavioral Problems in Children with Autism Spectrum Disorder, Body weight improvements associated with nutritional intervention for adults with IDD living in group homes: A randomized controlled trial, Lifestyle Intervention Adaptation to Promote Healthy Eating and Physical Activity of Youth with Intellectual and Developmental Disability, Cultural Adaptations of the Parents Taking Action Program for Youth with Autism Spectrum Disorder, and more. Includes a framework for integrating a prevention science approach into IDD research Provides examples of prevention science research with IDD populations Illustrates how some are implementing and adapting preventive interventions for those with IDD

Finalist for the 2017 Pulitzer Prize in General Nonfiction An extraordinary narrative history of autism: the riveting story of parents fighting for their children’s civil rights; of doctors struggling to define autism; of ingenuity, self-advocacy, and profound social change. Nearly seventy-five years ago, Donald Triplett of Forest, Mississippi, became the first child diagnosed with autism. Beginning with his family’s odyssey, *In a Different Key* tells the extraordinary story of this often misunderstood condition, and of the civil rights battles waged by the families of those who have it. Unfolding over decades, it is a beautifully rendered history of ordinary people determined to secure a place in the world for those with autism—by liberating children from dank institutions, campaigning for their right to go to school, challenging expert opinion on what it means to have autism, and persuading society to accept those who are different. It is the story of women like Ruth Sullivan, who rebelled against a medical establishment that blamed cold and rejecting “refrigerator mothers” for causing autism; and of fathers who pushed scientists to dig harder for treatments. Many others played starring roles too: doctors like Leo Kanner, who pioneered our understanding of autism; lawyers like Tom Gilhool, who took the families’ battle for education to the courtroom; scientists who sparred over how to treat autism; and those with autism, like Temple Grandin,

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Alex Plank, and Ari Ne'eman, who explained their inner worlds and championed the philosophy of neurodiversity. This is also a story of fierce controversies—from the question of whether there is truly an autism “epidemic,” and whether vaccines played a part in it; to scandals involving “facilitated communication,” one of many treatments that have proved to be blind alleys; to stark disagreements about whether scientists should pursue a cure for autism. There are dark turns too: we learn about experimenters feeding LSD to children with autism, or shocking them with electricity to change their behavior; and the authors reveal compelling evidence that Hans Asperger, discoverer of the syndrome named after him, participated in the Nazi program that consigned disabled children to death. By turns intimate and panoramic, *In a Different Key* takes us on a journey from an era when families were shamed and children were condemned to institutions to one in which a cadre of people with autism push not simply for inclusion, but for a new understanding of autism: as difference rather than disability.

Autism is an emerging area of basic and clinical research, and has only recently been recognized as a major topic in biomedical research. Approximately 1 in 150 children are diagnosed as autistic, so it is also an intense growth area in behavioral and educational treatments. Financial resources have begun to be raised for more comprehensive research and an increasing number of scientists are becoming involved in autism research. In many respects, autism has become a model for conducting translational research on a psychiatric disorder. This text provides a comprehensive summary of all current knowledge related to the behavioral, experiential, and biomedical features of the autism spectrum disorders including major behavioral and cognitive syndromology, common co-morbid conditions, neuropathology, neuroimmunology, and other neurological correlates such as seizures, allergy and immunology, gastroenterology, infectious disease, and epidemiology. Edited by three leading researchers, this volume contains over 80 chapters and nine shorter commentaries by thought leaders in the field, making the book a virtual "who's who" of autism research. This carefully developed book is a comprehensive and authoritative reference for what we know in this area as well as a guidepost for the next several years in all areas of autism research.

In recent decades, a growing number of children have been diagnosed with autism spectrum disorder (ASD), a condition characterized by, among other features, social interaction deficits and language impairment. Yet the precise nature of the disorder's impact on language development is not well understood, in part because of the language variability among children across the autism spectrum. The contributors to this volume — experts in fields ranging from communication disorders to developmental and clinical psychology to linguistics — use innovative techniques to address two broad questions: Is the variability of language development and use in children with ASD a function of the language, such that some linguistic domains are more vulnerable to ASD than others? Or is the variability a function of the individual, such that some characteristics predispose those with ASD to have varying levels of difficulty with language development and use? Contributors investigate these questions across linguistic levels, from lexical semantics and single-clause syntax, to computationally complex phonology and the syntax-pragmatics interface. Authors address both spoken and written domains within the wider context of language acquisition. This timely and broadly accessible volume will be of interest to a broad range of specialists, including linguists, psychologists, sociologists, behavioral neurologists, and cognitive neuroscientists.

îThis book helps move healthcare forward by recognizing the range of issues across the lifespan that people with ASD may face. . . [and] brings together a wealth of expertise with information and strategies across the lifespan.î From the Foreword by Catherine Rice, PhD National Center on Birth Defects and Developmental Disabilities Center for Disease Control and Prevention Autism Spectrum Disorder (ASD) is a growing health problem and nearly all nurses are likely to care for individuals with ASD. Designed as a textbook and a reference, this volume prepares nurses to recognize the unique challenges of providing evidence-based health care that meets the special needs of ASD patients across the lifespan and in multiple practice settings. Chapters include setting-specific case studies followed by consistently formatted information about key clinical issues, clinical assessment, and best practice nursing plans of care. The book is organized on a social model of disability with a focus on the environmental, cultural, and economic barriers encountered by people with ASD. It highlights the significant role played by nurses in the treatment of ASD patients and helps nurses integrate the specialized information about ASD into their clinical practice. Each section of the book reflects a different life stage and is organized to include learning objectives and developmental needs at the beginning of a section, with key points, a guide to clinical problem solving, and thought-provoking review questions at the end. Key Features: Provides evidence-based information for nurses about the special treatment needs of individuals with ASD Explains how functional deficits of people with ASD complicate health care delivery and how nurses can use this knowledge to provide quality care Addresses clinical issues across the lifespan and in multiple settings through case studies that illustrate best practice nursing care for a variety of problems Ideal for continuing education programs, post-master's certificate programs, and school nurse certification programs

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