

negative impact of the disease on functional cognitive skills. In addition, evaluations can help determine the extent to which adaptations and modifications are needed to assist individuals with this chronic illness. Those working with populations of children with seizure disorders can appreciate the daunting task of summarizing the different epilepsy syndromes and their neuropsychological sequelae. Bennett and colleagues present several helpful charts in this regard including: (1) Neonatal Seizure Classification; (2) International Classification of Seizures and (3) Childhood epilepsy syndromes, peak age at onset, and hallmark features associated with the syndromes.

Updated information on more rare genetic and neurodevelopmental disorders is also included. For instance, Chapter 14 presents information on Mucopolysaccharidoses (MPS) that are a group of progressive, hereditary diseases that result from abnormalities of glycosaminoglycan metabolism. Despite the low base rate of the six types of MPS disorders, Brown highlights relatively recent literature discussing the underlying genetic contributions, developmental course, medical/neurological and psychosocial complications, as well as interventions and treatments of the disorders. Lesch-Nyhan Syndrome (Chapter 23) is another rare inborn error of

metabolism (estimated to be present in 1 of 380,000 live births). Despite the rarity of this disorder, Wodrich and Long provide substantive information on the behavioral and preventative treatments. Educational interventions and potentially promising biological treatments are also discussed.

Given the complexity of genetic disorders, this book is not ideal for parents but is certainly appropriate for the “lay” professional. With that said, Goldstein and Reynolds should be commended for bringing together a group of scholarly chapters from experts in their respective fields. Certainly, it is difficult to balance an emphasis on breadth versus depth when addressing the developmental disorders. *The Handbook of Neurodevelopmental and Genetic Disorders in Children* errs on the side of breadth by including 29 chapters. A refreshing aspect of this book is its homage to more common childhood neurodevelopmental disorders including Attention-Deficit/Hyperactivity Disorder, Learning Disorders, and other behavioral and mood disorders. The *Handbook* can be thought of as a stand-alone compendium highlighting the impact of genetics on neurodevelopment in children. In summary, I strongly recommend this book, particularly for pediatric specialists and neuropsychologists.

RECENT AND RELEVANT

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Blind Vision: The Neuroscience of Visual Impairment, by Zaira Cattaneo and Tomaso Vecchi. 2011. Cambridge, MA: The MIT Press, 269 pp., \$36.00 (HB)/\$26.95 (PB).

The Organisation of Mind, by Tim Shallice and Richard P. Cooper. 2011. New York: Oxford University Press, 593 pp., \$65.00 (PB).

Clinical Neuropsychology of Emotion, by Yana Suchy. 2011. New York: Guilford Press, 370 pp., \$55.00 (HB).

Contemporary Neurobehavioral Syndromes. Gerald Goldstein, Theresa M. Incagnoli, and Antonio E. Puente (Eds.). 2011. New York: Psychology Press, 311 pp., \$85.00 (HB).

Self-Regulation: Brain, Cognition, and Development. Andrea Berger. 2011. Washington, DC: American Psychological Association, 225 pp., \$79.95 (HB)/\$49.95 APA Member/Affiliate.

Encyclopedia of Clinical Neuropsychology. Jeffrey S. Kreutzer, Hohn DeLuca, and Bruce Caplan (Eds.). 2011. New York: Springer, 2812 pp., \$1700.00 (HB).

A Computational Perspective on Visual Attention, by John K. Tsotsos. 2011. Cambridge, MA: The MIT Press, 303 pp., \$40.00 (HB)/\$29.95 (PB).

Neurocognitive Rehabilitation of Down Syndrome: The Early Years. Jean-Adolphe Rondal, Juan Perera, and Donna Spiker (Eds.). 2011. Cambridge, UK: Cambridge University Press, 237 pp., \$65.00 (PB).

Cerebral Plasticity: New Perspectives. Leo M. Chalupa, Nicoletta Berardi, Matteo Caleo, Lucia Galli-Resta, and Tommaso Pizzorusso (Eds.). 2011. Cambridge, MA: The MIT Press, 415 pp., \$60.00 (HB).

Memory Loss: A Practical Guide for Clinicians, by Andrew E. Budson and Paul R. Solomon. 2011. Maryland Heights, MO: Elsevier Saunders, 303 pp., \$49.95 (PB).