

## NEUROSCIENCE

The neuroscience list in *Oxford Scholarship Online* reflects the strength of Oxford's publishing programme, which is regarded as one of the best and most comprehensive in neuroscience. *OSO Neuroscience* contains select titles on molecular and cellular, behavioral, developmental, and cognitive neuroscience, disorders of the nervous, sensory, motor, and autonomic systems, as well as on a full range of methods and techniques, behavioral neuroendocrinology, invertebrate neurobiology, and the history of neuroscience. The list also features outstanding books such as Anderson, Morris, Amaral, Bliss, and O'Keefe: *The Hippocampus Book*, Hubel and Wiesel: *Brain and Visual Perception*, van Hemmen and Sejnowski: *23 Problems in Systems Neuroscience*, and Schmahmann and Pandya: *Fiber Pathways of the Brain*, winner of the 2006 PSP Award of Excellence for Medical Science as well as our best selling series like the *Oxford Computational Systems Neuroscience Series*, the *Series in Affective Science*, and the *Oxford Human-Technology Interaction Series*.

### September 2009

#### Behavioural Neuroscience

- Baars** In the Theatre of Consciousness (1997)
- Cabeza et al (eds)** Cognitive Neuroscience of Aging (1994)
- Eichenbaum** The Cognitive Neuroscience of Memory (2002)
- Grodzinsky & Amunts (eds)** Broca's Region (2006)
- Heilman** Matter of Mind (2002)
- Heinrichs** In Search of Madness (2001)
- Illes** Neuroethics (2005)
- Maquet et al (eds)** Sleep and Brain Plasticity (2003)
- Roediger et al (eds)** Science of Memory Concepts (2007)
- Rolls** Memory, Attention, and Decision Making (2007)
- Rolls** Emotion Explained (2005)
- Stuss & Knight (eds)** Principles of Frontal Lobe Function (2002)
- Whishaw & Kolb (eds)** The Behavior of the Laboratory Rat (2004)
- Zald (eds)** The Orbitofrontal Cortex (2006)

#### Development

- Cowan et al (eds)** Molecular and Cellular Approaches to Neural Development (1997)
- Kattermann & Ransom (eds)** Neuroglia (2004)
- Ribak et al** From Development to Degeneration and Regeneration of the Nervous System (2008)
- Romer & Walker (eds)** Adolescent Psychopathology and the Developing Brain (2007)

#### Disorders of the Nervous System

- Lomber & Eggermont** Reprogramming the Cerebral Cortex (2006)
- Platt & Walkley (eds)** Lysosomal Disorders of the Brain (2004)
- Waxman et al** The Axon (1995)

#### History of Neuroscience

- Squire** The History of Neuroscience in Autobiography Volume 6 (2008)

#### Molecular and Cellular Systems

- Anderson et al (eds)** The Hippocampus Book (2006)
- Benedetti** Placebo Effects (2008)
- Davies & Morris (eds)** Molecular Biology of the Neuron (2009)
- Fukuda et al** Neuroglycobiology (2005)
- Kernell** The Motoneurone and its Muscle Fibres (2006)
- Shepherd (ed)** The Synaptic Organization of the Brain (2003)
- van Hemmen & Sejnowski (eds)** 23 Problems in Systems Neuroscience (2006)

#### Neuroscience and Autonomic

- Buzsáki** Rhythms of the Brain (2006)
- Garcia-Segura** Hormones and Brain Plasticity (2009)
- Hines** Brain Gender (2005)
- Nelson (ed)** Biology of Aggression (2005)
- Nunez & Shrinivasan** Electric Fields of the Brain (2005)

#### Sensory and Motor Systems

- Graziano** The Intelligent Movement Machine (2008)
- Latash** Synergy (2008)
- Parasuraman & Rizzo (eds)** Neuroergonomics (2006)
- Pessoa & De Weerd (eds)** Filling-In (2003)

## Techniques

<b>Damasio</b>	Human Brain Anatomy in Computerized Images (2005)
<b>Eberhard</b>	Brain Landscape (2008)
<b>Evans et al (eds)</b>	Quantitative Methods in Neuroscience (2004)
<b>Mitra &amp; Bokil</b>	Observed Brain Dynamics (2007)
<b>Schmahmann</b>	
<b>&amp; Pandya</b>	Fiber Pathways of the Brain (2006)
<b>Soltesz</b>	Diversity in the Neuronal Machine (2005)

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