

## 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 Schmähmann 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*.

### May 2009

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#### 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)
- Roediger et al (eds)** Science of Memory Concepts (2007)
- Stuss**
- & Knight (eds)** Principles of Frontal Lobe Function (2002)
- Whishaw**
- & Kolb (eds)** The Behavior of the Laboratory Rat (2004)

#### 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

- 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)
- 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)

|                          |                                      |
|--------------------------|--------------------------------------|
| <b>Garcia-Segura</b>     | Hormones and Brain Plasticity (2009) |
| <b>Hines</b>             | Brain Gender (2005)                  |
| <b>Nelson (ed)</b>       | Biology of Aggression (2005)         |
| <b>Nunez</b>             |                                      |
| <b>&amp; Shrinivasan</b> | Electric Fields of the Brain (2005)  |

|                     |  |
|---------------------|--|
| <b>Schmahmann</b>   |  |
| <b>&amp; Pandya</b> | Fiber Pathways of the Brain (2006)       |
| <b>Soltesz</b>      | Diversity in the Neuronal Machine (2005) |

## Sensory and Motor Systems

|                             |   |
|-----------------------------|---|
| <b>Graziano</b>             | The Intelligent Movement Machine (2008) |
| <b>Latash</b>               | Synergy (2008)                          |
| <b>Parasuraman</b>          |   |
| <b>&amp; Rizzo (eds)</b>    | Neuroergonomics (2006)                  |
| <b>Pessoa</b>               |   |
| <b>&amp; De Weerd (eds)</b> | Filling-In (2003)                       |

## Techniques

|                          |   |
|--------------------------|---|
| <b>Damasio</b>           | Human Brain Anatomy in Computerized Images (2005) |
| <b>Eberhard</b>          | Brain Landscape (2008)                            |
| <b>Mitra &amp; Bokil</b> | Observed Brain Dynamics (2007)                    |

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