

PRESS RELEASE

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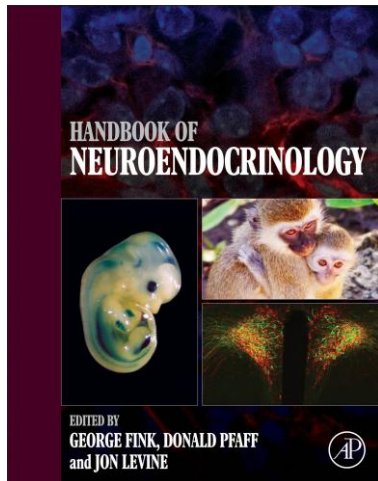
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WORLD-LEADING NEUROENDOCRINE RESEARCHERS PUBLISH NEW HANDBOOK WITH ELSEVIER'S ACADEMIC PRESS

(Waltham, MA, November 22, 2011) – Elsevier's Academic Press, a global leader in cutting-edge content on life sciences, is pleased to announce a new book by globally recognized researchers in the field of neuroendocrinology. George Fink, Donald Pfaff and Jon Levine have collaborated to publish the first edition of **Handbook of Neuroendocrinology**, the most up-to-date source covering the basic principles, neural regulation, hormone/brain function and behavior, and neuroendocrine pathology.

In addition to the new handbook, Fink is also lead editor on several stress-related reference books. **Stress of War, Conflict and Disaster**, published in 2010, as well as **Stress Consequences** and **Stress Science**, all provide readers with compelling research from some of the world's most preeminent stress researchers and contributors.



HANDBOOK OF NEUROENDOCRINOLOGY, edited by **George Fink, Director, Mental Health Research Institute, Parkville, Victoria, Australia;** **Donald W. Pfaff, Laboratory of Neurobiology and Behavior, Rockefeller University, New York, U.S.A. and Jon Levine, Professor, Department of Neurobiology and Physiology Northwestern University, Evanston IL, USA.** Neuroendocrinology is the study of how the nervous system controls hormonal secretion by endocrine glands, and in turn how hormones control the brain. Our most basic bodily functions – sex, reproduction, growth, stress, aggression, metabolism, and feeding – are all triggered and controlled by neuroendocrine systems. There are extensive interactions between the central nervous, neuroendocrine and immune systems, and neuroendocrinology is pivotal to physiology and medical research as well as to clinical practice and biological psychiatry. Dysfunction in this

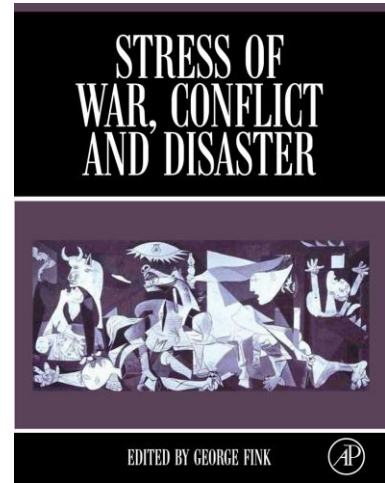
area leads to serious disorders such as infertility, impotence, disorders of puberty, defective or excessive growth, obesity and anorexia, Cushing's Syndrome, Addison's Disease, hypo/hyperthyroidism, major depression and PTSD.

This volume presents findings from the world experts in the discipline and chapters deal with both theory and research. The basic principles of neuroendocrinology, neural regulation, hormone/brain function and behavior, and neuroendocrine pathology are all addressed in full. Chapters are heavily illustrated in color to most functionally elucidate the principles being discussed, and each will feature "How do we know?" callout sections which highlight the foundation of major concepts via figures, diagrams and key points.

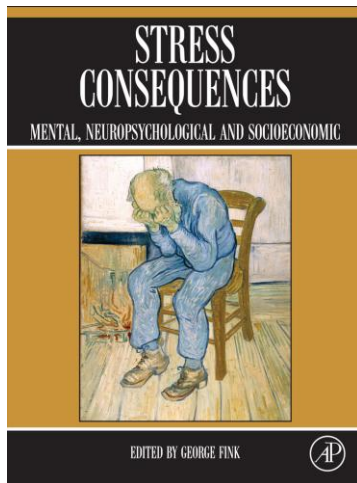
In this complex and dynamic field it is a struggle for investigators, students and clinicians to continually integrate the latest scientific and clinical information. No single-volume reference work currently exists which brings all the relevant topics together in one place, and readers must currently

amass numerous volumes to obtain information that this single work will provide. Edited and authored by the leading international minds in this discipline, Neuroendocrinology will be to this community what the Williams Textbook of Endocrinology (now in its 11th edition, Saunders) is for basic endocrinologists – an invaluable reference with significant legacy potential.

STRESS OF WAR, CONFLICT AND DISASTER, edited by **George Fink, Director, Mental Health Research Institute, Parkville, Victoria, Australia**. Stress is a universal phenomenon that impacts adversely on most people. Following on the heels of *Stress Science: Neuroendocrinology* and *Stress Consequences: Mental, Neuropsychological and Socioeconomic*, this third derivative volume will provide a readily accessible and affordable compendium that explains the phenomenon of stress as it relates physically and mentally to war, conflict and disaster. The first section will be dedicated to study of the link between stress and various forms of conflict. Specific instances of conflict will be discussed - the Gulf wars, Korea, Hiroshima bombing, the Holocaust, 9/11, Northern Ireland, terrorism in general, torture. The second section will explore the stress impact of more general physical disasters such as airline and vehicle accidents, earthquakes, floods, and hurricanes. The final section will focus on the clinical relationship between conflict stress and various mental diseases – PTSD, suicide, disaster syndrome, etc – as well as the adverse impact of stress on human physical health in general.

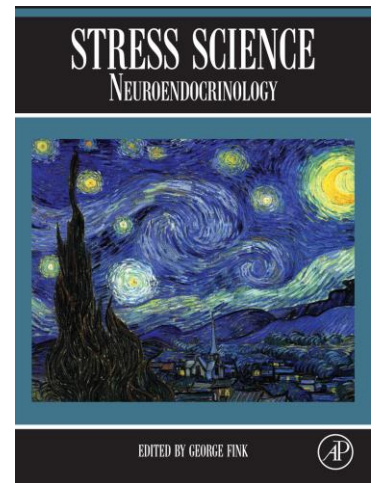


Comprised of about 100 top articles selected from Elsevier's Encyclopedias of Stress, the volume will provide a valuable desk reference that will put relevant articles readily at the fingertips of all scientists who consider stress.



STRESS CONSEQUENCES, edited by **George Fink, Director, Mental Health Research Institute, Parkville, Victoria, Australia**. This volume provides a readily accessible compendium that focuses on the physical and psychological consequences of stress for individuals and society. Clinical attention focuses on disorders of the stress control system (e.g. Cushing's Syndrome: Addison's Disease) and the adverse impact of stress on human physical and mental health. Detailed reviews address disorders such as PTSD, anxiety, major depression, psychoses and related disorders such as combat fatigue and burnout. The work covers interactions between stress and neurodegenerative disorders, such as Alzheimer's disease and Parkinson's disease, as well as stress-immune-inflammatory interactions in relation to cancer and autoimmune and viral diseases. Emphasis is also placed on the role of stress in obesity, hypertension, diabetes type II and other features of the metabolic syndrome which has now reached epidemic proportions in the USA and other countries.

STRESS SCIENCE, edited by George Fink, Director, Mental Health Research Institute, Parkville, Victoria, Australia. This volume provides a readily accessible compendium that explains the phenomenon of stress, the neural, endocrine and molecular mechanisms involved, the clinical effects, and the impact on individuals and society. Clinical attention focuses on disorders of the stress control system (e.g. Cushing's Syndrome: Addison's Disease) and the adverse impact of stress on human physical and mental health. Detailed reviews address disorders such as PTSD, anxiety, major depression, psychoses and related disorders such as combat fatigue and burnout. The work covers interactions between stress and neurodegenerative disorders, such as Alzheimer's disease and Parkinson's disease, as well as stress-immune-inflammatory interactions in relation to cancer and autoimmune and viral diseases. Emphasis is also placed on the role of stress in obesity, hypertension, diabetes type II and other features of the metabolic syndrome which has now reached epidemic proportions in the USA and other countries.



Newly Released

Handbook of Neuroendocrinology

By George Fink, Donald Pfaff, Jon Levine

ISBN: **9780123750976**; e-ISBN: **9780123785541**; [ScienceDirect e-book](#)

2011 | Hardcover | 894 pp

149.95 USD | 108.00 EUR | 95.00 GBP

Previously Released

Stress of War, Conflict and Disaster

By George Fink

ISBN: **9780123813817**; e-ISBN: **9780123813824**

2010 | Hardcover | 896 pp

149.95 USD | 108.00 EUR | 95.00 GBP

Stress Science

By George Fink

ISBN: **9780123750662**; e-ISBN: **9780123785718**

2009 | Hardcover | 829 pp

150.00 USD | 108.00 EUR | 95.00 GBP

Stress Consequences

By George Fink

ISBN: **9780123751744**; e-ISBN: **9780123751751**

2009 | Hardcover | 780 pp

150.00 USD | 108.00 EUR | 95.00 GBP

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neuroscience research. The S&T Books' family of imprints includes leaders in the media technology market with Focal Press and computing market with Morgan Kaufmann. Other imprints include CIM, Newnes, Syngress, William Andrew, CIMA, Pergamon, Estates Gazette Books, Butterworth-Heinemann, Academic Cell, Anderson Press, Architectural Press, and Gulf Publishing (www.ElsevierDirect.com/). For students and instructors, we offer high-quality textbooks. Browse our offerings at textbooks.elsevier.com.

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