

Stress And The Developing Brain - , Tara Perrot

[DOWNLOAD HERE](#)

The human brain does not develop in a vacuum according to a set of predetermined blueprints-it is involved in a dynamic interplay with the environment that influences gene expression and ultimately structure and function. Some cortical regions, such as the prefrontal cortex (PFC) undergo structural changes throughout the adolescent period and into early adulthood, making their structure and functions particularly interesting to study with respect to gene-environment interactions. Repeated exposure to stress is a predisposing factor in the emergence of various mental illnesses, such as anxiety and depression, although this is by no means an absolute relationship. While some people appear to be vulnerable to the effects of repeated stressors, others are resilient, and this individual variability is partly due to developmental programming of brain regions involved in modulating stress responding, such as the PFC. In the present book, we will discuss features of adolescent brain development that may provide a basis for neural plasticity in stress responding: the highly protracted development of the PFC, the profound change in interconnectedness among cortical and subcortical brain regions, and the characteristic 'rise and fall' pattern for many of the late-developing aspects of neural architecture in PFC and other stress-related brain regions. Author: Wright, Lisa Author: Perrot, Tara Publisher: Morgan & Claypool Life Sciences Illustration: N Language: ENG Title: Stress and the Developing Brain Pages: 00076 (Encrypted PDF) On Sale: 2012-12-01 SKU-13/ISBN: 9781615045273 Category: Science : Life Sciences - Neuroscience

[DOWNLOAD HERE](#)

Similar manuals:

[Bad Conscience](#)

[White Nights, GUS Russia St Petersburg 300 Years Old Venice Of The North River Newa University Quay Academy Of Arts And Academy Of Sciences Riverboat For Sightseeing](#)

[White Nights, GUS Russia St Petersburg 300 Years Old Venice Of The North River Newa](#)

[Dvortsovy Bridge Railing Academy Of Arts Academy Of Sciences](#)

[Museum Of Technics And Natural Science, Bavaria, Munich, Germany](#)

[Automated Lighting: The Art And Science Of Moving Light In Theatre, Live Performance, Broadcast, And Entertainment - Richard Cadena](#)

[CliffsTestPrep CSET: Social Science - , Shana Pate](#)

[Newnes Engineering Science Pocket Book - John Bird](#)

[Engineering Science - W. Bolton](#)

[Applied Principles Of Horticultural Science - Laurie Brown](#)

[Astrofuturism: Science, Race, And Visions Of Utopia In Space - De Witt Douglas Kilgore](#)

[Quest For The Cure: The Science And Stories Behind The Next Generation Of Medicines - Brent Stockwell](#)

[Digital Nature Photography: The Art And The Science - John And Barbara Gerlach](#)

[The Science Of Sound Recording - Jay Kadis](#)

[Schaum's Outline Of Principles Of Computer Science - , Carl Reynolds](#)

[The Earth Machine: The Science Of A Dynamic Planet - , James D. Webster](#)

[A Communion Of Subjects: Animals In Religion, Science, And Ethics](#)

[Neuroscience And Philosophy: Brain, Mind, And Language - , Daniel Dennett](#)

[Climate Change: The Science Of Global Warming And Our Energy Future - Edmond Mathez](#)

[Progress And Values In The Humanities: Comparing Culture And Science - Volney Gay](#)

[The Kitchen As Laboratory: Reflections On The Science Of Food And Cooking](#)

[Crashes, Crises, And Calamities: How We Can Use Science To Read The Early-Warning Signs - Len Fisher](#)

[The Happiness Of Pursuit: What Neuroscience Can Teach Us About The Good Life - Shimon Edelman](#)

[Physics For Men: The Science Behind Being A Guy - P. R. Kelt](#)

[Sustainable Language Support Practices In Science Education: Technologies And Solutions](#)

[Handbook Of Research On Computational Science And Engineering: Theory And Practice \(2 Vol\)](#)

[Scattering, Two-Volume Set: Scattering And Inverse Scattering In Pure And Applied Science](#)

[Science And Social Work: A Critical Appraisal - , William J. Reid](#)

[William James And A Science Of Religions: Reexperiencing The Varieties Of Religious Experience](#)

[Hyping Health Risks: Environmental Hazards In Daily Life And The Science Of Epidemiology - Geoffrey C Kabat](#)

[Disaster Deferred: How New Science Is Changing Our View Of Earthquake Hazards In The Midwest - Seth Stein](#)

[Disaster Deferred: How New Science Is Changing Our View Of Earthquake Hazards In The Midwest - Seth Stein](#)

[Nazi Science: Myth, Truth, And The German Atomic Bomb - Mark Walker](#)

[My Traitor's Heart: A South African Exile Returns To Face His Country, His Tribe, And His Conscience - Rian Malan](#)

[Philosophy Of Social Science - Alexander Rosenberg](#)

[Philosophy Of Science: An Introduction - Thomas Ph.D. Hickey](#)

[The Medical Science Liaison: An A To Z Guide, Second Edition - , Cathleen Sass](#)

[The Science Of Life: Projects And Principles For Beginning Biologists - Jr. Bottone, Jr., Frank G.](#)

[Shine: Using Brain Science To Get The Best From Your People - Ned Hallowell](#)

[The Best Science Fiction And Fantasy Of The Year](#)

[The Best Science Fiction And Fantasy Of The Year](#)

[The Best Science Fiction And Fantasy Of The Year](#)

[The Best Science Fiction And Fantasy Of The Year](#)

[Wait: The Art And Science Of Delay - Frank Partnoy](#)

[Every Woman's Guide To Foot Pain Relief: The New Science Of Healthy Feet - Katy Bowman](#)

[What Science Is And How It Works - Gregory N. Derry](#)

[Starboard Wine: More Notes On The Language Of Science Fiction - Samuel R. Delany](#)

[The PTSD Breakthrough: The Revolutionary, Science-Based Compass RESET Program - Frank Lawlis](#)

[E-Study Guide For: A New Handbook Of Political Science By Robert E. Goodin \(Editor\), ISBN 9780198294719 - Cram101 Textbook Reviews](#)

[E-Study Guide For: Thinking About Psychology Mini Book : The Science Of Mind And Behavior By Charles Blair-Broeker, ISBN 9781429206877 - Cram101 Textbook Reviews](#)

[E-Study Guide For: Biological Psychology: An Introduction To Behavioral, Cognitive, And Clinical Neuroscience By S. Marc Breedlove, ISBN 9780878933242 - Cram101 Textbook Reviews](#)