

# Recent Brain Books

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Aamodt, Sandra & Wang, Sam

## ***Welcome to Your Brain***

This is a terrific book. The authors take highly complex information about the brain and make it very easy to understand. They have great senses of humour so the book is very entertaining as well as accurate and interesting. They talk about the various stages of brain development - early childhood, adolescence, to old age. Drugs and the brain, memory, intelligence - they are all here. Bloomsbury Publishers 2008

Abraham, Carolyn

## ***Possessing Genius — The Bizarre Odyssey of Einstein's Brain***

This is the fascinating story of the scientists who examined Einstein's brain 30 years after he died. It includes stories of Marion Diamond and her work on counting glial cells in Einstein's brain. Her work was one of the pieces of research that dispelled the notion that Einstein's brain was the same as any other brain. She was able to show how his brain was different. Excellent story and fascinating science. 2002

Andreasen, Nancy

## ***The Creating Brain - The Neuroscience of Genius***

Dr. Andreasen is one of the world's leading authorities on schizophrenia. In this book she has turned her attention to creativity, how we get it, how we can develop it. It is not the same as intelligence or skill. Dana Press 2005

Amen, Daniel G.

## ***Magnificent Mind At Any Age — Maximum Ways To Unleash Your Brain's Maximum Potential***

Dr. Amen has written a very readable, practical book that includes information on how to treat anxiety, depression, memory problems, ADD and insomnia and many other topics. 2008

## ***Making A Good Brain Great***

You may have seen Dr. Amen on PBS outlining the research and practical ideas that are in this book. All of his books are excellent. 2005

Baron-Cohen, Simon

## ***The Essential Difference - The Truth About the Male & Female Brain***

Dr. Cohen explains research that indicates that women are wired for empathy and men are wired for systems. His explanations of the differences are fascinating and very clearly presented. This is bound to be a controversial book will make you think of the sexes in new ways. 2003

Blackmore, Susan

## ***Consciousness: An Introduction***

Oxford Press 2004.

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Brizendine, Louann

***The Female Brain***

Ever wondered how male and female brains differ? This book will give you lots of interesting ideas. (a woman uses 20,000 words a day while a man uses 7,000 etc.) August 1, 2006

Caine, Renate Nummela and Geoffrey, Crowell, Sam

***MindShifts — A Brain-Based Process for Restructuring Schools and Renewing Education***

The authors discuss 12 principles of brain-based learning and give many practical ideas on how instructors can incorporate these principles into instruction. 2006.

Caine, Renate & Geoffrey, McClintic, Carol and Klimek, Karl

***12 Brain/Mind Learning Principles in Action – Developing Executive Functions of the Human Brain***

What is the optimal emotional environment for learning? This is a great book full of practical ideas. The authors outline the research and the practical application of that research in ways that are very helpful to instructors. 2009

Calne, Donald B.

***Within Reason Rationality and Human Behaviour***

Dr. Calne is a renowned neurologist from UBC who has thought long and passionately on why we are as we are. Frans De Waal, author of Good Natured, says "For anyone who feels that science is of necessity reductionistic and morally insensitive, here is a book to prove them wrong. 1999

Carter, Rita

***Mapping the Memory — Understanding Your Brain To Improve Your Memory***

Carter does a great job of clearly explaining which parts of the brain are involved in memory formation. She talks about the four types - episodic, semantic, procedural and working memory and how amnesia and Alzheimer's impair memory. Ulysses Press, 2006

Damasio, Antonio

***Descartes' Error: Emotion, Reason and the Human Body***

Damasio thinks Descartes got it wrong. Descartes felt that the mind was separate from the brain. Damasio believes that they are one and the same. The mind is what the brain does. This is a fascinating book. 2005

***Looking For Spinoza — Joy, Sorrow, and the Feeling Brain***

Damasio's newest book is terrific. This is an optimistic book about the human condition and a "masterwork of science and writing". 2003

***The Feeling of What Happens: Body And Emotion in the Making of Consciousness***

What does it mean to be human? What does it mean to be conscious? This is a fantastic book that tries to answer these questions from Damasio's perspective. 2000

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Diamond, Marion and Hopson, Janet

***Magic Trees of the Mind - How to Nurture Your Child's Intelligence, Creativity and Healthy Emotions from Birth Through Adolescence***

Marion Diamond is a neuroanatomist who has researched brain plasticity for many years. She discusses ways parents can intellectually stimulate their children's brains and increase their intelligence, creativity etc. She has included a comprehensive list of resources parents can use to do this. Excellent book for anyone working with or raising children or adolescents. 1998

Doidge, Norman

***The Brain That Changes Itself — Stories of Personal Triumph from the Frontiers of Brain Science*** This book is excellent. It has been featured on PBS television. December, 2007

Edelman, Gerald

***Second Nature: Brain Science and Human Knowledge***

Another great book on consciousness – he describes how our brains and bodies give rise to knowledge, creativity and mental experience. In chapter 12 he talks about how he believes that in the future brain based devices will be conscious.

Yale University Press, 2006

***Wider Than The Sky — The Phenomenal Gift of Consciousness***

This is an excellent book on what it means to be conscious. It is a very interesting but it is more technical than most of the books in this bibliography. If you are interested in consciousness, you would find it fascinating. Yale University Press, 2004

Feinstein, Sheryl (editor)

***The Praeger Handbook of Learning and the Brain***

This 2 volume handbook is written by a number of experts in the area of education and the brain. The Handbook looks at topics such as Authentic Assessment, Poverty, Adult Brain, Reading and Comprehension, Moral Development, etc. and tells us about what brain researchers and educational experts can tell us about these topics. It is an excellent resource. Praeger Publishers, Westport, CT. 2006

***Learning and the Brain: A Comprehensive Guide for Educators Parents and Teachers***

This is a great book that has a lot of practical ideas on things parents and teachers can use to help students learn. Topics include brain development, learning, curriculum, at-risk students, classroom management, culture, emotion, food, intelligence, learning environments, learning challenges, learning theories and physical movement. It covers education from pre-school to the adult learner. 2007

Fotuhi, Majid

***The Memory Cure — How to Protect Your Brain Against Memory Loss and Alzheimer's***

Dr. Fotuhi, neurologist, Harvard Medical School - expert on memory and how to protect it. His 10 step plan to protect your memory is very useful for everyone. Includes risk factors that can lead to memory loss, popular beliefs about memory, aging and ideas on how to keep your memory in good shape for the rest of your life. 2004

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Gardner, Howard

***Five Minds For The Future***

Gardner says that in the future, we will have to have the following 5 minds: the Disciplined Mind, the Creating Mind, the Respectful Mind, and the Ethical Mind. He describes each of these minds and explains that he feels that in the future, these minds will not be an option, they will be necessary if we are to be successful in life. 2009

***The Disciplined Mind - What All Students Should Understand***

Gardner believes the purpose of a K-12 education should be to enhance students' deep understanding of truth (and falsity) beauty (and ugliness) and goodness (and evil) as defined by their various cultures. He suggests we take themes and study them in depth. Examples he uses are Mozart for the beautiful, evolution for the true and the holocaust for the good and evil. 1999

Gazzaniga, Michael S.

***The Ethical Brain***

Gazzaniga raises some of the most difficult ethical issues of our time and helps us sort them out. Alan Alda said— "If it were possible for this book to have been written a couple of thousand years ago, we might have avoided a lot of misery. What an important question it raises: What is known about the brain that can guide us in forming a set of rational ethical principles? The great frontier before us is the question of how we will deal with one another, and this fascinating book gets us on our way. Dana Press 2006

Gilbert, Daniel

***Stumbling on Happiness***

Think you know what makes you happy? You might be surprised. If you like Malcolm Gladwell's books, you will love this one. Contains fascinating explanations of how the mind works. Gilbert has a great sense of humour so this is lots of fun to read. Knopf Canada, May, 2006

Goldberg, Elkhonon

***The Wisdom Paradox — How Your Mind Can Grow Stronger As Your Brain Grows Older***

For those of us who are getting older, this book is reassuring and uplifting. Goldberg discusses how we become wiser as we age. Our brains change as we age — they can grow even stronger. One interesting chapter discusses how Dr. Goldberg became convinced by watching President Ronald Reagan on TV that he was suffering from Alzheimer's well before he left office. He discusses a "cognitive fitness" program that can enhance our decision making powers as we age. Dr. Bob Sylwester says "The Wisdom Paradox is a marvellously informative, accessible and optimistic book on cognitive maturation and maintenance" Gotham Books, 2006

***The New Executive Brain — Frontal Lobes in a Complex World***

Published August, 2009. I haven't read this one yet but I am sure it will be as terrific as his earlier version of this book The Executive Brain — Frontal Lobes and the Civilized World.

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Goleman, Daniel & Chermis, Cary Editors

***Social Intelligence: The New Science of Human Relationships***

Goleman talks about how leaders, teachers need social intelligence. He has lots of practical examples of how this is so important. DNA is not destiny. 2007

***The Emotionally Intelligent Workplace***

This book has many practical ideas on how you can create an emotionally intelligent workplace where everyone thrives. They mention how we can use human resources functions to enhance emotional intelligence among staff. Jossey-Bass Publishers 2001

Goleman, Daniel Editor

***Primal Leadership: Realizing the Power of Emotional Intelligence***

The authors believe that if a leader resonates energy and enthusiasm, an organization thrives; if a leader spreads negativity and dissonance, it flounders. They outline the links between neuroscience and leadership. This book should be read by every leader. 2002

***Working with Emotional Intelligence***

This book gives practical suggestions on how we can use the information about emotional intelligence in our educational institutions and professional life. This book is particularly useful to college instructors who would like to use a more wholistic approach in their programs. It is also very useful to managers in business, industry and government. 1998.

***Healing Emotions - Conversations with the Dalai Lama on Mindfulness, Emotions and Health***

This book describes the extraordinary encounter between Buddhist teachers and Western psychologists, physicians and scientists. Can the Mind heal the body? How are the brain, immune system and emotions interconnected? Is there a biological foundation for ethics? These are a few of the questions with which this book deals. 1997

Gould, Stephen Jay

***The Mismeasure of Man***

If you are interested in the history of intelligence testing, scientific racism, The Bell Curve wars, etc. you will find this book fascinating. For example, he quotes Alfred Binet in 1898 "the relationship between the intelligence of subjects and the volume of their head... is very real and has been confirmed by all methodical investigators, without exception..." and then he goes on to say how Binet realized that he was wrong in his conclusions. Discusses nature versus nurture in the matter of intelligence. 1981

Gruwell, Erin

***Teach With Your Heart - Lessons I Learned From The Freedom Writers***

This is the true story of Erin Gruwell's life as a teacher in a ghetto school in Long Beach, Ca. The movie "Freedom Writers" starring Hilary Swank is based on this story of how a teacher made such a tremendous difference in the lives of her students. 2008

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Greenfield, Susan A.

***The Private Life of the Brain — Emotions, Consciousness and the Secret of the Self***

Greenfield uses insights from neuroscience, pharmacology, psychology, philosophy, and everyday life to explain human consciousness. Those of you interested in what drugs do to the brain would find this book very interesting. 2001

***The Human Mind Explained - An Owner's Guide to the Mysteries of the Mind***

This book contains a great deal of information about many aspects of the mind. It has lots of beautiful colour pictures that illustrate the points it makes. Very clearly written. 1996

Hare, Robert and Babiak, Paul

***Snakes in Suits — When Psychopaths Go To Work***

Dr. Robert Hare is one of the world's leading experts on psychopathology. This book describes the problems that can occur when psychopaths are working in a company or institution. He describes the rich environment for psychopaths in business, religious, political, and social organizations and the internet. He describes self defence techniques for dealing with these people. Harper Collins Publishers 2006. Another terrific book by Dr. Hare is "Without Conscience".

Hamer, Dean and Copeland, Peter

***Living with Our Genes - Why They Matter More Than You Think***

Hamer is a molecular geneticist whose work discusses the discovery of specific genes linked to behavioural traits such as anxiety, thrill seeking and homosexuality; appear to prove that we are hardwired to behave the way we do. We come in large part ready-made from the factory. 1998

Hamer, Dean

***The God Gene — How Faith Is Hardwired Into Our Genes***

Dr. Hamer is a very well known geneticist, author of The Science of Desire, and Living With Our Genes, and other books and articles. He has been able to show that for many people, there is a genetic predisposition towards spirituality. October, 2005

Hauser, Marc D.

***Moral Minds — How Nature Designed Our Universal System of Right And Wrong***

Dr. Hauser believes that human beings come equipped with a moral instinct, just as we come equipped with a language instinct. He draws on research from the cognitive sciences, neuroscience, anthropology, and philosophy to try to understand the mechanisms behind human morality. Very exciting book. September, 2007.

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Hawkins, Jeff

***On Intelligence: How a New Understanding of the Brain Will Lead To The Creation of Truly Intelligent Machines***

Jeff Hawkins created the Palm Pilot. He is also an expert on the brain and human intelligence. This is an incredibly interesting book that will help you understand what intelligence is and how in the future, our understanding of how the brain works will help us develop truly intelligent machines. Time Books 2005

Hertzman, Clyde, Keating Daniel

***Developmental Health and the Wealth of Nations - Social, Biological and Educational Dynamics***

This book describes the effects of the social environment on human development. It outlines the importance of early experience upon brain and behavioural development. It outlines ways that schools and communities can develop new kinds of learning environments to foster intellectual growth. It discusses the gradients in society - the differences between the services available for the rich and the poor, and how these impact the society later in life. 1999

Hilts, Philip J.

***Memory's Ghost The Strange Tale of Mr. M and the Nature of Memory***

This is the story of Henry M. who had an operation on his brain to stop his problems with epilepsy. The operation cured the epilepsy but ever since that day in 1953, Henry M. has been unable to put new information into long term memory. This operation helped brain scientists to discover the importance of the hippocampus and amygdala in memory. This is an extremely interesting book for all of those of you interested in memory. 1995 (Henry Molaison died on December 2, 2008 at the age of 82.)

Howard, Pierce J.

***The Owner's Manual For The Brain - Everyday Applications from Brain Research***

This is an excellent book for students of all ages. It is filled with very practical things you can do to increase your intelligence, improve memory and learn how to learn. July, 2006

Jensen, Eric

***Brain Based Learning: The New Paradigm of Teaching***

This book looks at the classroom implications of recent brain research - practical suggestions. Corwin Press, 2008

Johnson, Steven

***Mind Wide Open: Your Brain and the Science of Everyday Life***

Very clearly written, this book gives you insights into the emotional brain, memory, etc. He had MRI tests done and gives a personal account of the experience of learning about his own brain. May 05

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Kandel, Eric

***In Search of Memory: The Emergency of a New Science of Mind***

Dr. Kandel won the Nobel Prize for his work on memory. This book will help you learn a great deal about memory. It will also help you to gain insights into how a scientist goes about researching the brain. Incredibly interesting book. 2007

Langer, Ellen J.

***The Power of Mindful Learning***

This book discusses learning in a very interesting way. She discusses attention and attention deficit disorder and her research in helping people with this problem. Includes - linear versus mindful problem solving, a new look at forgetting, the hazards of rote memorization, etc. 1998

***Counterclockwise: Mindful Health and the Power of Possibility***

Talks about the power of mindfulness in health matters. This is an excellent book for anyone involved in the medical fields including long term care nursing or anyone with aging parents. For a printout of the first chapter, go to [Amazon.com](http://Amazon.com).

LeDoux, Joseph

***Synaptic Self — How We Become Who We Are***

This is an update on The Emotional Brain. He is an incredibly interesting writer. Synapses are the spaces between neurons. They are the channels through which we think, imagine, feel and act. They enable each of us to function as a single integrated individual - a synaptic self - from moment to moment, year to year. 2002

Medina, John

***Rules — 12 Principles for Surviving and Thriving at Work, Home and School***

This book includes a CD that outlines these principles. - Entertaining, interesting. The book has the usual information about how exercise, sleep, stress, etc. are related to learning and memory. Very worthwhile book. Pear Press 2008

Pinkner, Steven

***The Blank Slate — The Modern Denial of Human Nature***

Pinker explores the idea of human nature and its moral, emotional and political aspects. He discusses how many people have denied the existence of human nature by embracing three linked dogmas: The Blank Slate (the mind has no innate traits), the Noble Savage (people are born good and corrupted by society), and the Ghost in the Machine (each of us has a soul that makes choices free from biology). Pinker claims that each dogma carries a moral burden, so their defenders have engaged in desperate tactics to discredit the scientists who are now challenging them. 2002

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***How the Mind Works***

Pinker answers such questions as - Why do fools fall in love? Why does the thought of eating worms seem disgusting? Why do men challenge each other to duels and murder their ex-wives? Why are children bratty? Where does religion come from, etc? This is a very witty and entertaining book that has been on the best seller list. 1997

***The Language Instinct – How the Mind Creates Language***

Pinker believes we all have an instinct for language. Great book. 2007

Posner, Michael I. and Rothbart, Mary K.

***Educating the Human Brain***

This is an excellent book that lays out the connections between neuroscience and education in a way that is very interesting and useful to teachers. 2007

Quartz, S., Sejnovski, T.

***Liars, Lovers and Heroes: What the New Brain Science Reveals About How We Become Who We Are***

Why do we live together, love, kill and sometimes lay down our lives for others? This book will give you some answers to a lot of fascinating questions. In the last chapter the authors discuss September 11 and the lessons we can learn from that experience. George Bush should read this chapter (or have someone read it to him.) Morrow Books, New York, 2002

Ramachandran, V.S.

***The Man With The Phantom Twin: Adventures in the Neuroscience of the Human Brain***

Dr. Ramachandran is one of the world's experts on mirror neurons, phantom limbs, etc. He is an excellent writer. You may want to have a look at his Nova Video as well entitled Secrets of the Mind Nova 2007

***A Brief Tour of Human Consciousness, From Imposter Poodles to Purple Numbers***

One of the very hot topics in brain research and education today is human consciousness. What does it mean to be conscious? Ramachandran is an excellent author who explains highly complex neuroscience in a very clear, entertaining way. He was named by Newsweek one of the 100 people to watch in the 21st. Century. 2005

Sandra Ramachandran, V.S. and Blakeslee, Sandra

***Phantoms in the Brain- Probing the Mysteries of the Human Mind***

Explains how work with patients who have bizarre neurological disorders has shed light on the deep architecture of the brain and what those findings tell us about who we are, how we construct our body image, why we laugh, become depressed, why we have religious experiences, how we make decisions, deceive ourselves, etc. October, 1998

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Restak, Richard

***Think Smart: A Neuroscientist's Prescription for Improving Your Brain's Performance***

The latest book by Restak – excellent for learner's of all ages. April 30, 2009

***The Naked Brain: How the Emerging Neurosociety is Changing How We Live, Work and Love*** September 26, 2006

***Poe's Heart and the Mountain Climber: Exploring the Effect Of Anxiety On Our Brains and Our Culture*** 2005

***The New Brain: How The Modern Age Is Rewiring Your Mind***

Once again, Restak has done an incredible job of taking highly complex ideas and making them very clear to readers who do not have a background in neurology. He explains his concerns about how violent images seen by children and adults day after day on television, in the newspapers and magazines, video games, etc. are changing our minds, desensitizing us and may be creating a society that will be very different than the one we have today. This is a book all parents and teachers should read. 2004

***The Secret Life of the Brain***

Another excellent book by Restak. This is the companion volume to the PBS television series. He has chapters on the brains of babies, children, adolescents, adults and the elderly. Dana Press 2001

***Mysteries of the Mind***

This book by Restak is published by National Geographic. It has incredible photographs and Restak's usual incredibly clear explanations of the brain. Chapters include the following: genes and the brain, vive la difference, consciousness and cognition, realms of memory, mechanics of emotion, madness, depression and disease, addition and treatment, etc. Excellent book. 2000

***Older and Wiser — How to Maintain Peak Mental Ability for As Long As You Live***

In this book, Restak discusses the ten factors that are important if we are to age successfully and keep your mental faculties well up into your elder years. These include regular physical activity, intellectual curiosity and maintaining a strong social network. Discusses 30 ways we can increase our intelligence as we age. 1997

***The Brain Has A Mind of Its Own***

Dr. Restak wrote the award winning books *The Brain* and *The Mind* which formed the basis of the PBS television series by the same names. This is probably his most candid look at the brain, the mind, intelligence, etc. You will really enjoy reading this one. 1992

Rose, Steven

***The Future of the Brain - The Promise and Perils of Tomorrow's Neuroscience***

Rose asks some tough questions about brain research and where we should go in the future. He examines future developments - smart pills, brain repair, mind-reading, selection of characteristics before birth and looks at the ethical implications of the research that is taking place now. He acts as a conscience for the neuroscience community. This is a fascinating book. Oxford University Press 2005

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Salovey, Peter and David J. Sluyter

***Emotional Development and Emotional Intelligence - Educational Implications***

Salovey is the person who came up with the term emotional intelligence. This book is excellent for everyone interested the educational implications of the research on emotional intelligence. 1997

Sapolsky, Robert M.

***Why Zebras Don't Get Ulcers — A Guide to Stress, Stress-Related Diseases***

This book discusses in a very interesting way, exactly what happens in your body when you experience stress particularly over a long period of time. He discusses techniques we can use to manage stress. September, 2004

Schacter, Daniel L.

***The Seven Sins of Memory***

An update on memory research, this book talks about 7 habits that we can get into that can really hurt our ability to remember things. Excellent book. 2002

Shermer, Michael

***Science Friction: Where The Known Meets The Unknown***

Shermer writes an excellent column each month in Scientific American called "Skeptic" which is really fascinating. His book *The Science of Good and Evil, and Why People Believe Weird Things* are also terrific. In this age where people are looking for simple answers and are ready to give up on searching for truth and settle for a good fantasy, this book is essential reading. He describes how he became a psychic for a day. He spent one day studying how to do cold readings as a psychic, how to "talk to the dead" (Sylvia Brown's tricks) read Tarot cards, etc. then he went out and did these things and made video recordings of his "psychic readings". These were shown on television. Times Books 2005

Stout, Martha

***The Paranoia Switch: How Terror Rewires Our Brains and Reshapes our Behaviour – How We Can Reclaim Our Courage***

Dr. Stout outlines how terrorism can control nations. Chapters include "How Terrorism Works, Fear and the soul of a nation, red and blue genes, ten characteristics of fear brokers" etc. This is a fascinating book. 2007

Stout, Martha

***The Sociopath Next Door***

Dr. Stout claims that one in 25 ordinary Americans secretly has no conscience and can do anything at all without feeling guilty. She describes how to recognize it, discusses the causes - is it nature, nurture - probably both but no one is totally sure yet. Can it be treated effectively? - not yet. She claims that psychopaths have a genetic predisposition to psychopathology. If they are raised in a "we" culture, they tend NOT to develop the condition. However, if they are raised in a "me" culture, they tend to develop into psychopaths. This is an incredibly interesting book. Broadway Books, 2005

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Sousa, David A.

***How the Brain Learns — A Classroom Teacher's Guide***

This is an excellent book on the latest brain research and some of its implications for classroom teachers. David discusses memory and learning, the power of transfer, thinking skills and learning, etc. One of the very interesting chapters deals with the brain and the arts. 2005

The following books by Dr. Sousa are all excellent.

***How the Brain Learns To Read (2004)***

***How the Special Needs Brain Learns (2007)***

***How the Brain Learns Mathematics (2008)***

***How the Gifted Brain Learns (2009)***

Stein, Steven J. and Book, Howard E.

***The EQ Edge — Emotional Intelligence and Your Success***

Dr. Stein from Toronto has done an excellent job of describing techniques you can use to increase your EQ (emotional intelligence quotient) EQ has shown to be 4 times as important in terms of your success in life as your IQ. He has lots of interesting bits of information that you will find interesting. Do you want to know about former BC premier, Bill Vanderzalm's EQ? See page 229. 2006

Sternberg, Robert J.

***Successful Intelligence: How Practical and Creative Intelligence Determines Success In Life***

Sternberg, who wrote The Triarchic Mind, discusses two types of intelligence - inert and successful. Inert is the type of intelligence IQ tests measure. Successful intelligence is a measure of your creative and practical intelligence. He discusses why creative and practical intelligence may have nothing to do with your IQ. He explains how you can activate your "successful" intelligence and make it work for you. 1997

Sternberg is one of the world's leading scientists on intelligence, creativity, relationships, and wisdom. He has written over 900 articles and books on these topics. He is an excellent writer. Other books by Sternberg include:

***Why Smart People Can Be So Stupid. (2003)***

***Teaching for Successful Intelligence: To increase Student learning and Achievement (2007)***

***Wisdom, Intelligence and Creativity Synthesized 2007***

***The New Psychology of Love (2008)***

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Strauch, Barbara.

***The Primal Teen — What the New Discoveries About the Teenage Brain Tell Us About Our Kids***

It is not just hormones that explain teenage behaviour. New discoveries about dopamine and other neurotransmitters are helping us to understand what is happening in the minds of teenagers. The teenage brain does not fully wire up until they are about 25. 2003. Dr. Strauch has a new book coming out in April, 2010 called "The Secret Life of the Grown Up Brain – The Surprising Talents of the Middle Aged Mind."

Sylwester, Robert

***The Adolescent Brain — Reaching for Autonomy***

Bob is an award winning author who has an amazing ability to take highly complex scientific research and make it clear and useful to people in education. This book will help parents, teachers and others who work with teenagers to understand why they slam doors, forget to phone home, take part in risky behaviour, etc. It will also help you find ways in which you can help them to survive the teenage years and how you as a parent or teenager can survive with them. February, 2007

***How To Explain A Brain — An Educator's Handbook To Brain Terms and Cognitive Processes***

This is a very easy to understand explanation of the various parts of the brain and the processes that take place in the brain. This is a very useful book for teachers, parents, leaders, etc. who wish to learn more about the brain but don't have a background in neurology or biology. It contains very clear diagrams as well. Excellent book. Corwin Press December 2004.

***A Biological Brain in a Cultural Classroom: Applying Biological Research to Classroom Management***

Dr. Sylwester, once again, takes complex scientific research and makes it very interesting and easy to understand. He believes that information on the emotions/attention mechanisms of the brain can help us understand how to handle issues in classroom management. Excellent book. 2003

***A Celebration of Neurons - An Educator's Guide to the Human Brain***

Dr. Sylwester is one of the leading authorities on education and the human brain. This very clearly written book discusses the implications of a lot of the brain research these other books discuss. Excellent book. 1995

***Student Brains, School Issues - A Collection of Articles***

This is a collection of articles on the importance of emotions, biological and technological perspectives on intelligence and new perspectives on computational thought processes. An excellent resource for teachers. 1998

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Vaughn, Lewis

***The Power of Critical Thinking: Effective Reasoning About Ordinary and Extraordinary Things***

This is one of the best books I have ever seen on critical thinking. It has excellent examples of all of the common problems people have with reasoning. 2007

Dr. Vaughn's newest book *The Power of Critical Thinking: Effective Reasoning About Ordinary and Extraordinary Claims* will be released in October, 2009.

Willis, Judy

***Research-Based Strategies to Ignite Student Learning***

Willis is a neurologist and classroom teacher who uses her understanding of neurology to explain how we should teach so the brain can learn. Topics include Memory, Learning and Test Taking Success, Strategies to Captivate Students' Attention, How Stress and Emotion Affect Learning, Assessment that Builds Dendrites. Excellent ideas. Association of Supervision and Curriculum Development, Alexandria, Va. 2006

***How Your Child Learns Best: Brain Friendly Strategies You Can Use to Ignite Your Child's Learning and Increase School Success***

Dr. Willis gives lots of ideas on how to help your child learn to read, do math, etc. Very practical and clearly written for parents and teachers. 2008

Other books by Dr. Willis

***Teaching The Brain To Read (2008)***

***Middle School Minds: Gifted, Creative and Challenging (2009)***

Wolfe, Patricia

***Brain Matters — Translating Research into Classroom Practice***

Pat Wolfe does an excellent job of making very complex brain research easy to understand. She includes many practical examples of how to apply this research to classroom instruction. Excellent book. 2001

***Building the Reading Brain (Pre K-3)***

Pat Wolfe and Pamela Nevills (2009)

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For a list of websites go to

<http://instructordiploma.com/core/Bob/link.htm>

Make sure you go to <http://www.ted.com>

(incredible video resource for instructors – Creative Commons License)