Neuroscience Discoveries and Clinical Practice

Resource List
A list of resources prepared by UNE Library Services
Books

Addiction Neuroethics: The Ethics of Addiction Neuroscience Research and Treatment
Adrian Carter
Academic Press, 2011

Addiction Neuroethics: The Promises and Perils of Neuroscience Research on Addiction
Adrian Carter
Cambridge University Press, 2012

Advances in the Neuroscience of Addiction
Cynthia M. Kuhn, George F. Koob
CRC Press, 2010

Art Therapy and Clinical Neuroscience
Noah Hass-Cohen and Richard Carr
Jessica Kingsley Publishers, 2008

The Behavioral Neuroscience of Adolescence
Linda Patia Spear
W. W. Norton, c2010

Brain Culture: Neuroscience and Popular Media
Davi Johnson Thornton
Rutgers University Press, 2011

Braintrust: What Neuroscience Tells Us about Morality
Patricia S. Churchland
Princeton University Press, 2011

Cajal's Butterflies of the Soul: Science and Art
Javier DeFelipe
Oxford University Press, 2010

Clinical Neuroscience: Psychopathology and the Brain
Kelly G. Lambert and Craig H. Kinsley
Oxford University Press, 2011

Cognitive Neuroscience
Marie T. Banich and Rebecca J. Compton
Wadsworth, Cengage Learning, 2010

Cognitive Neuroscience of Aging: Linking Cognitive and Cerebral Aging
Roberto Cabeza, Lars Nyberg, & Denise Park
Oxford University Press, 2009

The Compass of Pleasure: How Our Brains Make Fatty Foods, Orgasm, Exercise, Marijuana, Generosity, Vodka, Learning, and Gambling Feel So Good
David J. Linden
Viking, c2011

Creating Modern Neuroscience: The Revolutionary 1950s
Gordon M. Shepherd
Oxford University Press, 2010

Empathy: From Bench to Bedside
Jean Decety
MIT, 2011

Essential Neuroscience
Allan Siegel and Hreday N. Sapru
Wolters Kluwer/Lippincott Williams & Wilkins Health, c2011

Foundations of Behavioral Neuroscience
Neil R. Carlson
Prentice Hall, 2010

From Brain to Mind: Using Neuroscience to Guide Change in Education
James E. Zull
Stylus, 2011

Fundamentals of Computational Neuroscience
Thomas P. Trappenberg
Oxford University Press, 2010

All books and films included in this brochure are available at the UNE Libraries. For more information about neuroscience discoveries, please see the UNE Libraries ‘Course Guide’ on Neuroscience Discoveries and Clinical Practice at www.une.edu/library/gethelp/courseguide.
<table>
<thead>
<tr>
<th>Title</th>
<th>Author</th>
<th>Publisher</th>
<th>Year</th>
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<tbody>
<tr>
<td>Neural Mechanisms of Anesthesia</td>
<td>Joseph E. Antognini</td>
<td>Humana Press, 2010</td>
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<td>Neuroanatomy Through Clinical Cases</td>
<td>Hal Blumenfeld</td>
<td>Sinaur Associates, 2010</td>
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<td>Neurochemistry, Neuropharmacology and Behavior: Outlines on the Mechanism of Brain Function</td>
<td>Darakhshan Haleem</td>
<td>VDM Verlag, 2010</td>
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<td>Neurogenesis in the Adult Brain II: Clinical Implications</td>
<td>Edited by Tatsunori Seki ... et al.</td>
<td>Springer Verlag, 2011</td>
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<td>Neuroplasticity and Rehabilitation</td>
<td>Sarah A. Raskin</td>
<td>Guilford Press, 2011</td>
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<td>Neuroplasticity Following Skill and Strength Training</td>
<td>Alan J. Pearce and Dawson J. Kidgell</td>
<td>Nova Science, 2009</td>
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<td>Neuroplasticity in the Auditory Brainstem: From Physiology to the Drug Therapy</td>
<td>Angelo Salami</td>
<td>Nova Science, 2011</td>
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<td>Neuropsychology of Autism</td>
<td>Deborah A. Fein</td>
<td>Oxford University Press, 2011</td>
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<td>Neuroscience (Lippincott's Illustrated Reviews Series)</td>
<td>Claudia Krebs</td>
<td>Wolters Kluwer/Lippincott Williams &amp; Wilkins Health, 2012</td>
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<td>Neuroscience for Dummies</td>
<td>Frank Amthor</td>
<td>FD, 2011</td>
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<td>Neuroscience: Fundamentals for Rehabilitation</td>
<td>Laurie Lundy-Ekman</td>
<td>Saunders/Elsevier, c2007</td>
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Books

The Neuroscience of Psychotherapy: Healing the Social Brain
Louis J. Cozolino
W.W. Norton, 2010

The Scientific American Brave New Brain
Judith Horstman
Jossey-Bass, 2010

Neuroscience Nursing: Evidence-Based Practice
Sue Woodward and Ann-Marie Mestecky
Blackwell Pub, 2011

The Social Neuroscience of Empathy
Jean Decety and William Ickes
MIT Press, 2009

Neuroscience, the newest force in counseling and psychotherapy in Theories of Counseling and Psychotherapy: A Multicultural Perspective
Allen E. Ivey, Michael J. D’Andrea and Mary Bradford Ivey
Sage, 2011

Suppressing the Mind: Anesthetic Modulation of Memory and Consciousness
Edited by Anthony Hudetz and Robert Pearce
Humana, 2010

The Newborn Brain: Neuroscience and Clinical Applications
Edited by Hugo Lagercrantz ... et al
Cambridge University Press, c2010

Synaptic Self: How Our Brains Become Who We Are
Joseph LeDoux
Penguin, 2003

Oxford Handbook of Developmental Behavioral Neuroscience
Mark S. Blumberg, John H. Freeman and Scott R. Robinson
Oxford University Press, 2010

Topics in Integrative Neuroscience: From Cells to Cognition
James R. Pomerantz
Cambridge University Press, 2010

The Patient’s Brain: The Neuroscience Behind the Doctor-Patient Relationship
Fabrizio Benedetti
Oxford University Press, 2011

Vulnerability to Depression: From Cognitive Neuroscience to Prevention and Treatment
Rick E. Ingram, Ruth Ann Atchley, Zindel V. Segal
Guilford Press, 2011

What Is Addiction?
Edited by Don Ross ... et al
MIT Press, c2010

Wisdom: From Philosophy to Neuroscience
Stephen S. Hall
Alfred A. Knopf, 2010

Your Brain and Business: The Neuroscience of Great Leaders
Srinivasan S. Pillay
FT Press, 2011

Poverty and Brain Development During Childhood: An Approach from Cognitive Psychology and Neuroscience
Sebastián J. Lipina and Jorge A. Colombo
American Psychological Association, c2009

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Films

Addiction: a 14-part series
[Alcoholism, Substance-related disorders] 2007

Age Old Friends

Aurora Borealis

Awakenings
[Encephalitis] 1990

Away From Her

Bang the Drum Slowly
[Hodgkins disease] 1974

Brain Fitness
[Neuroscience] PBS, 2008

Brian's Song
[Terminal cancer] 1971

Charly
[Mental disability] 1968

The Diving Bell and the Butterfly
[Quadriplegia] 2008

Addiction: a 14-part series
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The Diving Bell and the Butterfly
[Quadriplegia] 2008

Do You Remember Love?
[Alzheimer's disease] 1985

The Elephant Man
[Physical deformity] 1980

Eternal Sunshine of the Spotless Mind
[Memory] 2004

Firefly Dreams
[Alzheimer's disease] 2004

Forrest Gump
[Mental disability] 1994

How to Kill Your Neighbor's Dog

I Never Sang for My Father

Iris
[Alzheimer's disease] 2002

The Mask
[Physical deformity] 1995

Memento
[Memory loss] 2001

My Left Foot
[Cerebral palsy] 1989

The Notebook
[Alzheimer's disease] 2004

One Flew Over the Cuckoo's Nest
[Mental disability] 1975

Pride of the Yankees
[ALS, Gehrig's disease] 1942

Rain Man
[Autism] 1988

Ryan's Daughter
[Mental disability] 1970

The Savages

A Song for Martin

Sundowning
[Alzheimer's disease] 2005

What's Eating Gilbert Grape?
[Mental disability] 1993

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All books included in this brochure are available at the UNE Libraries. For more information about these personal narratives and texts, and for additional reports, journal articles and websites on traumatic brain injury and epilepsy, please see the UNE Libraries’ Course Guide on Neuroscience Discoveries and Clinical Practice and its TBI section at www.une.edu/library/gethelp/courseguide.
All books included in this brochure are available at the UNE Libraries. For more information about these personal narratives and texts, and for additional reports, journal articles and websites on traumatic brain injury and epilepsy, please see the UNE Libraries ‘Course Guide’ on Neuroscience Discoveries and Clinical Practice and its TBI section at www.une.edu/library/gethelp/courseguide.
Paintings by Sarah R. Gorham  
Visiting Assistant Professor  
Department of Creative and Fine Arts  
University of New England

“This body of work evolved out of small painted studies created when my father was diagnosed with a terminal brain tumor in 2004. Immediately following his diagnosis I took to the studio to relieve the pain and frustration through the physical act of painting. Using tempera paints, a fluid quick medium, I painted small interpretations and visions of the tumor as I envisioned it reaching and expanding in his brain. With each painting my anxiety decreased and was assuaged, even if momentarily, by the process. For him each passing day was painful, brought new physical limitations, and opened the vulnerability of a lifetimes’ worth of worry and anger. He struggled with his personal possessions, his disparate relationships, his sadness, and his regrets. He cried, yelled, concealed fear, attempted stoicism, forced smiles, and yet still marched on, determined. I painted and witnessed his demise. Although it has been 8 years since he passed away the work still calls for creation. I have since become entranced by the intersection of grief, pain, and the painting process. I’m drawn into the middle ground between curiosity and loathing. My repetitive visualizations of how I “see” cancer pulls me to the paint and at the same time I am angered, and withdraw, in knowing how destructive it is. I wonder if I try to see beauty in what angers me will my perspective shift or will the anger abate. I wonder how one’s personal visions, beliefs, or relationship with these visions affects the outcome when cancer invades. What if we saw this invader differently? Can we paint a different picture and if we did what would that do? Would it help with mental suffering? Would it ease the pain? Lessen the pain? I am not sure. I know that my father’s tumor picked a beautiful brain to inhabit. At least that is how I see it now. If he had seen beauty would it have made a difference?”

Artwork

if i see beauty in pain does it hurt less?, #1 of 6, Acrylic on Canvas, 18" x 24", 2012.

if i see beauty in pain does it hurt less?, #2 of 6, Acrylic on Canvas, 18" x 24", 2012.