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Collana	New Directions for Teaching and Learning ; ; Number 134
Altri autori (Persone)	SandersLinda A
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Conclusion; References

4: Birthing Internal Images: Employing the Cajita Project as a Contemplative Activity in a College ClassroomThe Cajita Project; Birthing Internal Images: Employing The Cajita Project; Step I. Introducing the Cajita Project.; Step II. Conceptualizing and Creating the Cajita.; Step III. Cajita Gallery Walk.; Preparation for the Cajita Project.; Challenges to Implementing the Cajita Project.; References; 5: Integrating Contemplative Education and Contemporary Performance; MFA Faculty Characterize Contemplative Education; MFA Students Characterize Contemplative Education
Contemplative Education and the Development of Presence-in-PerformanceContemplative Education and the Development of Aesthetic Perspectives; Learning as Embodied Meaning Making; Conclusion; Postscript; References; 6: The Formation and Development of the Mindful Campus; The Mindful Campus Faculty Group; The Mindful Campus Student Group; The Mindful Campus: AY 2011-2012; References; 7: Koru: Teaching Mindfulness to Emerging Adults; Emerging Adults; Mindfulness; Critical Teaching Elements; Organizational Factors.; Teaching Factors.; Student Factors.; Koru and Transformation; References
8: Contemplative Pedagogy: A Quiet Revolution in Higher EducationThe Practices; Mindfulness.; Concentration.; Open Awareness.; Sustaining Contradictions.; Transformative Education; The Deeper Significance of Knowing; The Quiet Contemplative Revolution; The Ethic, Epistemology, and Ontology of Our Teaching; References; Index

Sommario/riassunto

The complexities of 21st-century life-personal, social, cultural, and environmental-demand thoughtful responses, responses fostered and enhanced through contemplative experience. Contemplative education includes studies of the history, psychology, and socialcultural context of such experience, as well as the development of experiential knowledge through one or more personal practices. Contemplative education has recently emerged in the academy. Although there has been significant published discussion of postsecondary courses and programs that incorporate contemplative views and practi

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Autore	Taupin Philippe
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ISBN	1-60692-753-1
Edizione	[1st ed.]
Descrizione fisica	1 online resource (154 p.)
Disciplina	612.8/25
Soggetti	Hippocampus (Brain) - Physiology Neural transmission Neuroplasticity GABA
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""THE HIPPOCAMPUS -NEUROTRANSMISSION AND PLASTICITYIN THE NERVOUS SYSTEM""; ""NOTICE TO THE READER""; ""CONTENTS""; ""PREFACE""; ""INTRODUCTION""; ""REFERENCES""; ""THE HIPPOCAMPUS""; ""ABSTRACT""; ""INTRODUCTION""; ""THE HIPPOCAMPUS""; ""HIPPOCAMPAL SUBFIELDS""; ""The Dentate Gyrus""; ""The Cornu Ammonis""; ""HIPPOCAMPAL PATHWAYS""; ""The Tri-Synaptic Circuit""; ""Hippocampal Afferences""; ""Hippocampal Interneurons""; ""Feed-Back Inhibition and Feed-Forward Inhibition""; ""CONCLUSION""; ""REFERENCES""; ""NEUROTRANSMITTERSIN THE NERVOUS SYSTEM""; ""ABSTRACT""; ""INTRODUCTION""; ""NEUROTRANSMITTERS IN THE NERVOUS SYSTEM""""Characterizing Neurotransmitters""; ""Ionotropic and Metabotropic Receptors""; ""Excitatory and Inhibitory Neurotransmitters""; ""Glutamate and GABA the Main Neurotransmitters of the Nervous System""; ""THE EXCITATORY NEUROTRANSMITTER GLUTAMATE""; ""Metabolism""; ""Glutamate Receptors""; ""Glutamate Transporters""; ""THE INHIBITORY NEUROTRANSMITTER GABA""; ""Metabolism""; ""GABA Receptors""; ""GABA Transporters""; ""DEFINING GLU AND GABA AS NEUROTRANSMITTERS"" ""GABA is thought to Occur in high Concentrations Exclusively in Nerve Cells that use it as Neurotransmitters""""Glu is not Restricted to Neurons

that use it as a Neurotransmitter"; "CONCLUSION"; "REFERENCES";
"GENE EXPRESSION IN THE HIPPOCAMPUS"; "ABSTRACT";
"INTRODUCTION"; "MOLECULAR MARKERS OF THE HIPPOCAMPUS";
"GENE PROFILING OF HIPPOCAMPAL SUB-REGIONS"; "FURTHER
CONSIDERATIONS DEFINING THE CA2 REGION"; "CONCLUSION";
"REFERENCES"; "GRANULE CELLS AND MOSSY FIBERS"; "ABSTRACT";
"INTRODUCTION"; "THE MOSSY FIBER-CA3 PYRAMIDAL CELL
SYNAPSES"
"Histology of Mossy Fiber Terminals""Isolation and Purification of
Mossy Fiber Terminals: Mossy FiberSynaptosomes"; "BIOCHEMISTRY
OF GRANULE CELLS AND MOSSY FIBERS"; "Granule Cells are
Glutamatergic Excitatory Nerve Cells"; "Endogenous Opioid Peptides
are Enriched in Granule Cells and MossyFibers"; "Mossy Fibers Express
Neurotrophins and Trophic Activities"; "Desmoplakin is Expressed by
Granule Cells of the Hippocampus"; "Zinc is Enriched in Granule Cells
and Mossy Fibers"; "CONCLUSION"; "ACKNOWLEDGMENTS";
"REFERENCES"; "THE DALE'S PRINCIPLE"; "ABSTRACT"
"INTRODUCTION""NEUROTRANSMITTERS AND NEUROMEDIATORS";
"MULTIPLE NEUROTRANSMITTERSWITHIN THE SAME NERVE CELLS";
"SIGNIFICANCE OF THE CO-RELEASE OF MULTIPLETRANSMITTERS FROM
THE SAME NERVE CELL POPULATION"; "CONCLUSION";
"REFERENCES"; "PLASTICITY OF THE GABAPHENOTYPE IN THE
NERVOUS SYSTEM"; "ABSTRACT"; "INTRODUCTION"; "EXCITATORY
ACTIVITY OF GABA"; "During Development and in the Adult Nervous
System"; "Circadian Rhythms"; "Traumatic Injury"; "Reversal of Cl-
Distribution"; "GABA PHENOTYPE IN GLUTAMATERGIC NERVE CELLS";
"CONCLUSION"; "REFERENCES"
"MOSSY FIBERS AND GABA"

Sommario/riassunto

The hippocampus, the Greek word for seahorse, is one of the most fascinating and intriguing regions of the mammalian brain. It is a bilateral incurved seahorse-shaped structure of the cerebral cortex. It is composed of two regions, the dentate gyrus (DG) and the Cornu Ammonis (CA). This work covers this topic.
