# Mindfulness-Based Ecotherapy Facilitator Certification

## **Course Description**



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# Mindfulness-Based Ecotherapy Facilitator Certification Course Description

Have you ever been camping, hiking or canoeing? Do you enjoy hunting and fishing? If so, you are probably already aware of nature's power to relax and heal. A large and growing body of research demonstrates that nature is good for the mind as well as the body. Ecopsychology is the study of nature's ability to heal. Ecotherapy is the application of ecopsychology in a therapeutic setting.

Mindfulness is a way of paying attention to the moment in which you find yourself by focusing on your immediate experience, rather than on ruminations that may be producing stress depression, or anxiety. The benefits of mindfulness as a tool for stress reduction and self-improvement have been thoroughly researched. Mindfulness works so well in this capacity that it has been referred to as the "penicillin of mental health."

Mindfulness-Based Ecotherapy (MBE) is a blending of Mindfulness and Ecopsychology. MBE is used as a framework for helping individuals and families to find deeper connections in their own lives, and to give more meaning and enjoyment to the activities of daily living. By reintegrating ourselves with nature, we are able to tap into nature's healing power and to heal the earth as we heal ourselves.

The *Mindfulness-Based Ecotherapy Workbook* and the Mindfulness-Based Ecotherapy Workshop series were developed by Charlton Hall, MMFT, LMFT/S, RPT-S, CHt as a 12-week program to help individuals re-connect with the healing power of nature. The series meets once per week for 90 minutes, usually in an outdoor setting.

This Facilitator Certification Course qualifies you to be a Certified Instructor of Mindfulness-Based Ecotherapy. The course is 60 hours long and includes continuing education in the following:

Mindfulness-Based Ecotherapy in Clinical Practice – 25 hours Mindfulness: An Introduction – 15 hours Ecotherapy: An Introduction – 10 hours Running a Successful Group – 10 hours

This Certified Facilitator Training Package contains all four courses/modules required to complete the training and become a Certified Facilitator of Mindfulness-Based Ecotherapy.

Upon successful completion of all required courses of the Mindfulness-Based Ecotherapy Certification Program, you will be given a Certificate of Completion for 60 hours of online and experiential education indicating that you are now a Certified Facilitator, and you will receive a free listing on our Certified Mindfulness-Based Ecotherapy Facilitators

# Mindfulness-Based Ecotherapy Facilitator Certification Course Objectives

Upon successful completion of this course, the student will be able to:

- Describe, discuss and facilitate the skills of Mindful Awareness
- Describe, discuss and facilitate the skills of Radical Acceptance
- Describe, discuss and facilitate the skills of Wise Mind and Wise Body
- Describe, discuss and facilitate the skills of Letting Go
- Describe, discuss and facilitate the skills of Living in the Now
- Describe, discuss and facilitate the skills of Centering
- Describe, discuss and facilitate the skills of Connecting
- · Describe, discuss and facilitate the skills of Nature as Metaphor
- Describe, discuss and facilitate the skills of Nature as Teacher
- Describe, discuss and facilitate the skills of Nature as Nurture
- Describe, discuss and facilitate the skills of Nature as Healer
- Describe, discuss and facilitate the skills of Living in True Self

## Mindfulness-Based Ecotherapy Facilitator Certification Instructor Biography and Credentials

Charlton (Chuck) Hall, MMFT, LMFT/S, RPT-S, CHt is a Licensed Marriage and Family Therapist Supervisor, a Registered Play Therapy Supervisor, and a Certied Hypnotherapist. Chuck's area of research and interest is using Mindfulness and Ecotherapy to facilitate acceptance and change strategies within a family systemic framework, and he has presented research at several conferences and seminars on this and other topics. He facilitates workshops on mindfulness and ecotherapy throughout the Southeast. Chuck's approach to therapy involves helping individuals and families to facilitate change through mindfulness and ecotherapy techniques in a non-judgmental, patient-centered, positive environment.

#### **CREDENTIALS**

- Bachelor of Science in Experimental Psychology, USC Upstate
- Masters in Marriage and Family Therapy, Converse College
- Two-Year Post-Graduate Fellowship in Mindfulness, Ecotherapy and the Family System
- Licensed Marriage and Family Therapy Supervisor in South Carolina LMFT/S#4606
- SC LMFT # 4525
- Registered Play Therapy Supervisor #S1947
- Member of the Association for Play Therapy
- Member of the South Carolina Association for Play Therapy
- Certified Hypnotist with the National Board of Professional and Ethical Standards
- Certified Hypnotherapist with the National Board of Professional and Ethical Standards
- Certified Non-violent Crisis Intervention Trainer/Instructor through the Crisis Prevention Institute (CPI)

#### **DISCLAIMER**

This course was developed by Charlton Hall, MMFT, LMFT/S, RPT-S, CHt. Charlton Hall is a board-approved permanent sponsor of continuing education in South Carolina (permanent sponsor #495). If you are a licensed LPC or LMFT in South Carolina, these courses are preapproved for continuing education credit. If you are a resident of another state or another country, it is your responsibility to check with your local licensure board for pre-approval for continuing education credit in your jurisdiction. No warranty is expressed or implied as to suitability for continuing education credit in jurisdictions outside of South Carolina.

All course materials are evidence-based, with clearly defined learning objectives, references and citations, and post-course evaluations. Upon request a copy of this information will be given to you for your local licensure board. All online courses and live seminars contain course objectives, references and citations as a part of the course materials; however, it is your responsibility to check with your local licensure board for suitability for continuing education credit in jurisdictions outside of South Carolina.

### **Glossary of Terms**

#### Mindfulness-Based Ecotherapy Facilitator Certification Course

- Animal-Assisted Therapy an experiential form of therapy in which animal assistants help to facilitate the therapeutic process.
- archetype an inborn symbol, image or concept common to all people and present at birth in the unconscious mind. The collection of all archetypes common to all humans is what Jung called the collective unconscious.
- autonomic nervous system the part of the central nervous system that regulates automatic functions like breathing and heartbeat. The autonomic nervous system is made up of the sympathetic and parasympathetic nervous systems.
- beginner's mind The ability to greet each day with a new mind, without assumptions, preconceptions, or judgments. It is about cultivating a childlike sense of wonder about the world around us, and about ourselves.
- being mode The antithesis of doing mode; the process of focusing on what your senses are telling you in the present moment rather than focusing on the thinking cycle.
- being non-judgmental the act of setting aside assumptions and preconceptions about the motives and actions of others and of self; the ability to be gentle and forgiving.
- catastrophizing a ruminating cycle in which a person creates negative predictions about the outcome of future events, usually through the process of *musturbating*.
- centering one of the skills of mindfulness; centering involves letting go of thoughts about the past or future and bringing thoughts to the present moment by focusing on one thing at a time and living in the now.
- collective unconscious according to Carl Jung, the collective unconscious is the repository of all archetypes, or symbols, shared by all of humankind. This repository resides in the unconscious mind and is inborn rather than learned.
- connecting the act of joining with others, or with the divine, or with nature and ourselves in a loving, respectful and grateful way
- crystal ball thinking trying to predict the future or read other people's thoughts and feelings by making assumptions and judgments about their thoughts, feelings, or intentions.
- describing one of the skills of mindfulness; the process of taking energy out of the thinking cycle and placing energy into the sensing cycle by describing the details of a thing to oneself.
- doing mode the opposite of being mode; the state of engaging the thinking cycle in an effort to find solutions to a problem or to ruminate over problems or feelings.
- downstairs brain the feeling part of the brain, consisting of the limbic system and related structures. The downstairs brain only has three ways it can respond to stimuli: fight, flight, or freeze.
- ecopsychology the study of the effects of nature on the psychology of humans and other animals.
- ecotherapy the use of the tools and techniques of ecopsychology in a therapeutic way and/or in a therapeutic setting.
- emotional mind the state of mind when one is being ruled by one's emotions.

- experiential avoidance the act of trying to stop stressful thoughts or emotions, thereby making the stressful thoughts and feelings cycle worse.
- fascination a natural interest in the environment, requiring no effort of concentration
- fight, flee or freeze the only three options for response that the downstairs brain of the limbic system has.
- focused attention a concentrated cognitive effort to avoid distractions in the environment.
- focusing on one thing at a time one of the skills of mindfulness; the ability to direct one's attention to one task at a time or one experience at a time in order to avoid getting overwhelmed with a multitude of tasks.
- fully participating one of the skills of mindfulness; the act of engaging all the senses to focus on the here and now, thereby enriching the moment-to-moment experience of life.
- grounding one of the skills of mindfulness; the process, during meditation, of connecting yourself to the earth by imagining roots of energy extending from your trunk and into the ground.
- Hebb's Postulate "What fires together, wires together;" i.e., as neurons are activated in new pathways, they tend to connect to each other, strengthening the connection. The more those pathways are used, the stronger the connection becomes. This is how habits of thinking and feeling are formed.
- *Ideal Self* In Rogerian therapy, the Ideal Self is the person an individual would like to be; who we would be if we could "get out of our own way."
- individuation The process of striking a balance between the Shadow and the Persona. The Shadow represents the forces of chaos and darkness within an individual, and the Persona represents the forces of order and light.
- insanity doing the same thing in the same ways and expecting different results this time
- *intention, the power of* one of the skills of mindfulness; the process of creating solutions instead of focusing on the problem.
- Internal Observer the self that is not part of the thought or feeling cycle; the True Self.
- *letting go* one of the skills of mindfulness; the ability to change the things one can while accepting the things one cannot change.
- *limbic* system the "downstairs brain" responsible for emotions; the limbic system can only respond to a situation in one of three ways: fight, flee or freeze.

*living in the now* – living in the present moment

living in True Self - see "True Self, living in"

meme - an idea or a belief that gets passed on from one person to another; an imitated thing

*mind trap* - to be trapped by the mind into dwelling on memories of the past, or projections of memory onto the future.

*mindful acceptance* – the art of being able to let go of the things in your life you cannot change.

mindful awareness – the process of shifting from doing mode to being mode.

*mindful openness* - the quality of learning to "zoom out" and see things in the bigger picture. The ability to focus on our values instead of on the day-to-day details.

- Mindfulness-Based Ecotherapy (MBE) a blending of mindfulness and ecopsychology. MBE uses nature to facilitate mindful awareness. MBE is used as a framework for helping individuals and families to find deeper connections in their own lives, and to give more meaning and enjoyment to the activities of daily living.
- musturbating a type of mind trap in which we become caught in ruminating cycles that lead to catastrophizing. Musturbating often takes the form of phrases like, "I must do this," or "I must not do this."
- naming ceremony a rite of passage in which a person takes a new spiritual name, or is given one.
- natural experiences experiences in nature.
- nature as healer one of the skills of Mindfulness-Based Ecotherapy; the skill of using nature to facilitate healing.
- nature as metaphor one of the skills of Mindfulness-Based Ecotherapy; the skill of using nature as a metaphor for one's life journey to living in True Self.
- nature as nurture one of the skills of Mindfulness-Based Ecotherapy; the skill of creating a reciprocal nurturing cycle with nature.
- nature as teacher one of the skills of Mindfulness-Based Ecotherapy; the skill of using nature as a teacher.
- numinous an experience that gives one a spiritual sense of connection to the divine, to others, or to self
- observing one of the skills of mindfulness; the ability to shift from thinking mode to sensing mode by paying attention to and observing the present moment.
- ogham The Celtic alphabet known as ogham consists of three sets of five consonants and one set of five vowels. The traditional variant of this alphabet contains a total of twenty-five letters. Each letter in the ogham alphabet also stands for a tree. The letter 'A' stands for the elm tree, the letter 'B' stands for the birch, the letter 'C' stands for the hazel, and so on.
- parasympathetic nervous system the part of the autonomic nervous system responsible for calming and soothing.

Perceived Self – the way we see ourselves.

Persona – the face, or personality, or mask, which we present to others.

power of intention - see intention, power of

radical acceptance – the concept that we must accept the things we cannot change; the realization that we cannot change others, we can only change ourselves.

rational mind – the reasoning, logical mind, devoid of emotion.

*reconnecting* – the process of connecting again to nature in order to restore spiritual balance.

root meme – the meme that is the source of all other memes in a complex idea or belief.

- ruminating cycle sometimes referred to as 'snowballing,' a ruminating cycle is the process by which one stressful thought or feeling leads to another and to another until we are overwhelmed.
- sacred space a natural space (preferably outdoors) that is set aside for quiet contemplation, meditation, and connecting with nature.

- sensing mode the opposite of thinking mode; moving energy and attention out of the thinking cycle and into the sensing cycle by focusing on what your senses are telling you.
- sensory integration meditation a type of mindful meditation that allows us to bring our minds more in tune with our bodies by focusing only on the information we get from our senses
- Serenity Prayer "God grant me the serenity to accept the things I cannot change; courage to change the things I can; and wisdom to know the difference."
- Shadow in Jungian psychoanalysis, the Shadow is the counterpart to the Persona; the Shadow consists of all the behaviors and impulses we would prefer to hide from others.
- situation-specific learning a type of learning in which two stimuli become linked together so that being stimulated by one causes the recall of the other as well; e.g., if a bell is rung every time a dog is fed, the dog will eventually begin to salivate whenever a bell is rung because he is expecting to be fed.
- sympathetic nervous system the part of the autonomic nervous system responsible for activating the fight, flight, or freeze response.
- thinking mode the counterpart of sensing mode; the process of engaging in the ruminating cycles of doing mode.
- *totem* an animal guide or assistant selected by an individual as an archetype and a metaphor for oneself.
- *True Self* the Ideal Self; who you would be if you could live without limits.
- *True Self, living in* the process of individuation; a skill of Mindfulness-Based Ecotherapy; becoming the person you were born to be.
- *upstairs brain* the cerebral cortex; the part of the brain that regulates thinking.
- wise body a body informed by the skills of mindfulness.
- wise mind a balance of rational mind and emotional mind; emotion tempered by reason and reason informed by emotion.

### **References and Citations**

### Mindfulness-Based Ecotherapy Facilitator Certification Course

- Adler, Margot (1986). Drawing Down the Moon. New York, NY: Penguin Books.
- Altner, N. (2002). Mindfulness Practice and Smoking Cessation: The Essen Hospital Smoking Cessation Study. *Journal for Meditation and Meditation Research*, 2, 9-18.
- Alvarsson J, Wiens S., & Nilsson M. (2010). Stress and recovery during exposure to nature sounds and environmental noise. *Int. J Environ Res Public Health*, 2010 (7) 1036-106.
- Antonioli, C. & Reveley, M. A. (2005). Randomised controlled trial of animal facilitated therapy with dolphins in the treatment of depression. *British Medical Journal*, 2005, vol. 331, no. 7527, pp. 1231–1234.
- Astin, J.A. (1997). Stress Reduction through Mindfulness Meditation: Effects on Psychological, Symptomatology, Sense of Control, and Spiritual Experiences. *Psychotherapy Psychosomatics*, 66, 97-106.
- Astin J.A., Berman B.M., Bausell B., Lee W.L., Hochberg M, & Forys K.L. (2003). The efficacy of mindfulness meditation plus Qigong movement therapy in the treatment of fibromyalgia: a randomized controlled trial, *Journal of Heumatology*, 2003 Oct; 30(10):2257-62.
- Baer, R. A. (2003). Mindfulness training as a clinical intervention: A conceptual and empirical review. *Clinical Psychology: Science and Practice, 10(2), 125–143.* Introduction to Special Issue 183
- Baer, R. A., Smith, G. T., & Allen, K. B. (2004). Assessment of mindfulness by self-report: *The Kentucky Inventory of Mindfulness Skills. Assessment, 11, 191–206.*
- Baer, R. A., Smith, G. T., Hopkins, J., Krietemeyer, J., & Toney, L. (2006). Using self-report assessment methods to explore facets of mindfulness. *Assessment*, 13, 27–45.
- Bartholomew, K., & Horowitz, L. M. (1991). Attachment styles among young adults: A test of a four-category model. *Journal of Personality and Social Psychology*, 61, 226-244.
- Benson, H. (1996). *Timeless healing: The power and biology of belief.* New York: Fireside Books.
- Benzies, Karen & Mychasiuk, Richelle (2007). Fostering family resiliency: a review of the key protective factors. *Child and Family Social Work 2009, 14, pp 103–114.*
- Bergum, Vanjie (1989). Woman to Mother: A Transformation. Bergin and Garvey Publishers, Westport, Connecticut.
- Bernhard, J. D., Kristeller, J., Kabat-Zinn, Jon (1988), Effectiveness of relaxation and visualization techniques as an adjunct to phototherapy and photochemotherapy of psoriasis. *Journal of the American Academy of Dermatology*, 19(3), 572-573.
- Bishop, S. R. (2002). What do we really know about mindfulness-based stress reduction? *Psychosomatic Medicine, 64, 71–84.*

- Blair, D. (2009). The Child in the Garden: An Evaluative Review of the Benefits of School Gardening. *The Journal of Environmental Education, WINTER 2009, VOL. 40, NO. 2*
- Bly, Robert (1990). Iron John: A Book about Men, Addison-Wesley, New York, NY.
- Borchers, J.G., and Bradshaw, G.A. (December, 2008). How green is my valley—and mind. Ecotherapy and the greening of psychology. *Counseling Today, pp.* 38-41. Brown, D., Forte, M., & Dysart, M. (1984). Visual sensitivity and mindfulness meditation. *Perceptual and Motor Skills*, 58(3)775-784, June, 1984.
- Brown, D., Forte, M., & Dysart, M. (1984). Differences in visual sensitivity among mindfulness meditators and non-meditators. *Perceptual and Motor Skills*, 58(3), 727-733, June, 1984.
- Brown, K. W., & Ryan, R. M. (2003). The benefits of beings present: Mindfulness and its role in psychological well-being. *Journal of Personality and Social Psychology, 84, 822–848.*
- Brown, K. W., Ryan, R. M., & Creswell, J. D. (2007). Mindfulness: Theoretical foundations and evidence for its salutary effects. *Psychological Inquiry*, *18*(4), *211*–237.
- Buchheld, N., Grossman, P., & Walach, H. (2001). Measuring mindfulness in Insight Meditation (Vipassana) and meditation-based psychotherapy: The development of the Freiburg Mindfulness Inventory (FMI). *Journal for Meditation and Meditation Research*, 1, 11–34.
- Campbell, Joseph. (1968). *The Hero with a Thousand Faces.* Princeton, New Jersey: Princeton University Press.
- Carlson, L.E., & Garland, S.N. (2005). Impact of mindfulness-based stress reduction (MBSR) on sleep, mood, stress and fatigue symptoms in cancer outpatients, *International Journal of Behavioral Medicine*. 2005; 12(4):278-85.
- Carlson, L.E., Speca, M., Patel, K.D., & Goodey, E. (2004). Mindfulness-based stress reduction in relation to quality of life, mood, symptoms of stress and levels of cortisol, dehydroepiandrosterone sulfate (DHEAS) and melatonin in breast and prostate cancer outpatients. *Psychoneuroendocrinology*. 2004 May; 29(4):448-74.
- Carson, J.W.; Keefe, F.J.; Lynch, T.R.; Carson, K.M.; Goli, V.; Fras, A.M. & et al. (2005). Loving-kindness meditation for chronic low back pain: results from a pilot trial. *Journal of Holistic Nursing*, 23(3): 287-304; Sep 2005.
- Celtic Tree Astrology: http://www.whats-your-sign.com/celtic-tree-astrology.html downloaded June 22, 2015
- Chadwick, P., Hember, M., Symes, J., Peters, E., Kuipers, E., & Dagnan, D. (2008). Responding mindfully to unpleasant thoughts and images: Reliability and validity of the Southampton Mindfulness Questionnaire. *British Journal of Clinical Psychology, 47, 451–455.*
- Childs, D. (2007). Mindfulness and the psychology of presence. *Psychology and Psychotherapy: Theory, Research and Practice* 80, 367–376.
- Coelho, H. F., Canter, P. H., & Ernst, E. (2007). Mindfulness-based cognitive therapy: Evaluating current evidence and informing future research. *Journal of Consulting Clinical Psychology*, 75(6), 1000–1005.

- Commentary. Mindfulness and metaphor in relapse prevention: An interview with G. Alan Marlatt. *Journal of the American Dietetic Association*, 94(8), 846-848, 1994.
- Cordon, S. L., Brown, K. W., & Gibson, P. R. (2009). The role of mindfulness-based stress reduction in perceived stress: Preliminary evidence for the moderating role of attachment style. *Journal of Cognitive Psychotherapy: An International Quarterly*, 23(3), 258–269.
- Covert, A.M., Whiren, A.P., Keith, J. & Nelson, C. (1985). Pets, early adolescence and families. *Marriage and Family Review*, 8(3-4), 95-108.
- Coyle, James P. (2009). *An Exploratory Study of the Nature of Family Resilience,* State University of New York at Buffalo, Buffalo, New York.
- Davidson, Richard J., Kabat-Zinn, Jon et al. (2003) Alterations in Brain and Immune Function Produced by Mindfulness Meditation. *Psychosomatic Medicine*, *65*, *564-570*.
- Davis, K. M., Lau, M. A., & Cairns, D. R. (2009). Development and preliminary validation of a trait version of the Toronto Mindfulness-scale. *Journal of Cognitive Psychotherapy: An International Quarterly*, 23(3), 185–197.
- Dimeff, L., & Linehan, M.M. (2001). Dialectical Behavior Therapy in a Nutshell. *The California Psychologist*, *34*, *10-13*.
- Dyer, Jade (2007). How Does Spirituality Affect Physical Health? A Conceptual Review, *Holistic Nursing Practice* 2007; 21(6):324–328
- Edwards, D.L. (1991). A meta-analysis of the effects of meditation and hypnosis on measures of anxiety. *Dissertation abstracts international*, *52*, *(2-B)*, *1039-1040*.
- Farber, E.M., & Nall, L. (1984). An appraisal of measures to prevent and control psoriasis. *Journal of the American Academy of Dermatology.* 10(3), 511-17, March, 1984.
- Feldman, G., Hayes, A., Kumar, S., Greeson, J., & Laurenceau, J. P. (2007). Mindfulness and emotional regulation: The development and initial validation of the Cognitive and Affective Mindfulness Scale-Revised (CAMS-R). *Journal of Psychopathology and Behavioral Assessment*, 29, 177–190.
- Fine, A. (2000). Animals and therapists: incorporating animals in outpatient psychotherapy. In A. Fine (ed.) *Handbook on Animal-Assisted Therapy: Theoretical Foundations and Guidelines for Practice* (179-211). San Diego, California, Academic Press.
- Fisher, A. (2002). *Radical ecopsychology. Psychology in the service of life*. Albany: State University of New York Press.
- Freud, S. (2004) *The Interpretation of Dreams*: *Third Edition*. Glacier National Park, Montana: Kessinger Publishing.
- Froggatt, Wayne (1993). *Choose to be Happy: Your Step-by-Step Guide*, Harper-Collins, Aukland, New Zealand.
- Garner-Nix, J., Blackman, S., Barbati, J., & Grummitt, J. (2008). Evaluating distance education of a mindfulness-based meditation program for chronic pain management. *Journal of Telemedicine and Telehealthcare*, 14, 88–92

- Gelderloos, P., Walton, K., Orme-Johnson, D., & Alexander, C. (1991). Effectiveness of the transcendental meditation program in preventing and treating substance misuse: A review. *International journal of the addictions*, 26 (3), 293-325.
- Goldenberg, D.L., Kaplan, K.H., & Galvin-Nadeau, M. (1993). The Impact of Meditation-Based Stress Reduction Program on Fibromyalgia. *General Hospital Psychiatry*, 15, 284-289, 1993.
- Goldin, P., Ramel, W., & Gross, J. (2009). Mindfulness meditation training and self-referential processing in social anxiety disorder: Behavioral and neural effects. *Journal of Cognitive Psychotherapy: An International Quarterly*, 23(3), 242–257.
- Graves, Robert (1997). The White Goddess, Farrar Straus Giroux, London, England.
- Gray, D.P. (2004). Complementary and alternative therapies. In: *Medical Surgical Nursing*, S.M., Lewis, L. Heitkemper, & S.R. Dirksen, (Eds). pp: 94-109, St. Louis: Mosby Inc; ISBN-13: 978-0323016100.
- Grepmair, L., Mitterlehner, F., Loew, T., Bachler, E., Rother, W., & Nickel, M. (2007). Promoting mindfulness in psychotherapists in training influences the treatment results of their patients: A randomized, double-blind, controlled study. *Psychotherapy Psychosomatics*, *76*, 332–338.
- Grossman, P., Nieman, L., Schmidt, S., & Walach, H. (2004). Mindfulness-based stress reduction and health benefits: A meta-analysis. *Journal of Psychosomatic Research*, *57*(1), 35–43.
- Harter, S. (1999). *The Construction of the Self: A Developmental Perspective.* New York, NY: Guilford Press.
- Hassink, J. &, van Dijk, M. (Eds.). (2006). Farming for health: Green-care farming across Europe and the United States of America. Proceedings of the Frontis Workshop on Farming for Health, Wageningen, the Netherlands, 16-19 March, 2005. New York: Springer.
- Hayes, S. C., Strosahl, K., & Willson, K. G. (1999). Acceptance and commitment therapy: An experiential approach to behavior change. New York: Guilford Press.
- Herbert, Frank (1965). Dune, Chilton Books, New York, NY.
- Hirst, I.S., (2003). Perspectives of mindfulness. *Journal of Psychiatric and Mental Health Nursing*, 10: 359-366.
- Hölzel, Britta, Carmody, James, Vangela, Mark, Congletona, Christina, Yerramsettia, Sita M., Garda, Tim, & Lazar, Sara W. (2011). Mindfulness practice leads to increases in regional brain gray matter density. *Psychiatry Research: Neuroimaging 191 (2011) 36-43.*
- Johnson, Susan M. (2004). *The Practice of Emotionally Focused Couple Therapy: Creating Connection*. Brunner-Routledge, New York, NY.
- Jung, C. G. (1927). *The Archetypes and the Collective Unconscious*. Collected Works, Vol. 9.i, pars. 87-110.

- Jung, C. G. (1962). Symbols of Transformation: An analysis of the prelude to a case of schizophrenia (Vol. 2, R. F. C. Hull, Trans.). New York: Harper & Brothers.
- Kabat-Zinn, J., (1982). An Out-Patient Program in Behavioral Medicine for Chronic Pain Patients Based on the Practice of Mindfulness Meditation: Theoretical Considerations and Preliminary Results *General Hospital Psychiatry*, 4: 33-47.
- Kabat-Zinn, J. (1990). Full catastrophe living: Using the wisdom of your mind to face stress, pain and illness. New York: Dell.
- Kabat-Zinn, J., (1996). Mindfulness Meditation: What It Is, What It Isn't, and Its Role in Health Care and Medicine. *Comparative and Psychological Study on Meditation*, 1996 161-170.
- Kabat-Zinn, J., & Chapman-Waldrop, A., (1988). Compliance with an Outpatient Stress Reduction Program: Rates and Predictors of Completion. *Journal of Behavioral Medicine*, 11: 333-352.
- Kabat-Zinn, J., Chapman, A., & Salmon, P., (1997). Relationship of Cognitive and Somatic Components of Anxiety to Patient Preference for Different Relaxation Techniques *Mind/Body Medicine*, 2, 101-109.
- Kabat-Zinn, J., Lipworth, L., & Burney, R., (1985). The Clinical Use of Mindfulness Meditation for the Self-Regulation of Chronic Pain. *Journal of Behavioral Medicine*, 8: 163-190.
- Kabat-Zinn, J., Lipworth, L., Burney, R., & Sellers, W., (1986). Four year Follow-up of a Meditation-Based Program for the Self-Regulation of Chronic Pain: Treatment Outcomes and Compliance. *Clinical Journal of Pain*, 2: 159-173.
- Kabat-Zinn, J., Massion, A.O., Kristeller, J., Peterson, L.G., Fletcher, K., Pbert, L., Linderking,
   W., & Santorelli, S.F., (1992). Effectiveness of a Meditation-Based Stress Reduction
   Program in the Treatment of Anxiety Disorders. *American Journal of Psychiatry*, 149: 936-943.
- Kabat-Zinn, J., Wheeler, E., Light, T., Skillings, A., Scharf, M.S., Cropley, T.G., Hosmer, D., and Bernhard, J. (1998). Influence of a mindfulness--based stress reduction intervention on rates of skin clearing in patients with moderate to severe psoriasis undergoing phototherapy (UVB) and photochemotherapy (PUVA), *Psychosomatic Medicine*, (60), 625-632.
- Kabat-Zinn, J. (2003). Mindfulness-based Interventions in context: Past, present, and future. *Clinical Psychology*, May, 2003, 10 (2), 144-156.
- Kaplan, K.H., Goldenberg, D.L., Galvin-Nadeau, M. (1993). The Impact of Meditation-Based Stress Reduction Program on Fibromyalgia. *General Hospital Psychiatry*, 15, 284-289.
- Kornfield, Jack & Breiter, Paul (2004). A Still Forest Pool: The Insight Meditation of Achaan Chah. Quest Books, Wheaton IL.

- Kreitzer, M.J., Gross, C.R., Ye, X., Russas, V., & Treesak, C. (2005). Longitudinal impact of mindfulness meditation on illness burden in solid-organ transplant recipients, *Progressive Transplant*. June 2005; 15(2):166-72.
- Kristeller, J.L. & Halleh, C. B. (1999). An exploratory study of a meditation-based intervention for binge eating disorder. *Journal of Health Psychology*, 4: 357 363.
- Kuo, F.E., & Taylor, A.F. (2004). A Potential Natural Treatment for Attention-Deficit/Hyperactivity Disorder: Evidence from a National Study. *American Journal of Public Health, September 2004, Vol 94, No. 9.*
- Kutz, I., Borysenko, J.Z., & Benson, H. (1985). Meditation and Psychotherapy: A Rationale for the Integration of Dynamic Psychotherapy, the Relaxation Response, and Mindfulness Meditation. *American Journal of Psychiatry*, 142(1), 1-8, January, 1985.
- Kuyken, W., Byford, S., Taylor, R. S., Watkins, E., Holden, E., White, K., et al. (2008). Mindfulness-based cognitive therapy to prevent relapse in recurrent depression. *Journal of Consulting and Clinical Psychology, 76(6), 966–978.*
- Lau, M. A., Bishop, S. R., Segal, Z. V., Buis, T., Anderson, N. D., Carlson, L., et al. (2006). The Toronto Mindfulness Scale: Development and validation. *Journal of Clinical Psychology, 62, 1445–1467.*
- Lazar, S. W., Kerr, C. E., Wasserman, R. H., Gray, J. R., Greve, D. N., Treadway, M. T., et al. (2005). Meditation experience is associated with increased cortical thickness. *Neuroreport*, 16(17), 1893–1897.
- Linehan, M. M. (1993). Cognitive behavioral treatment of borderline personality disorder. New York: Guilford Press.
- Levine, M.M. & Bohn, S. (1986). *Development of social skills as a function of being reared with pets. Living together: people, animals and the environment.* Delta Society International Conference, Boston, MA.
- Louv, Richard (2005). Last Child in the Woods: Saving Our Children from Nature-Deficit Disorder. Chapel Hill, NC: Algonquin Books.
- Lykins, E. L. B. & Baer, R. A. (2009). Psychological functioning in a sample of long-term practitioners of mindfulness meditation. *Journal of Cognitive Psychotherapy: An International Quarterly*, 23(3), 226–241.
- Mansky, P.J., & Wallerstedt, D.B. (2006). Complementary medicine in palliative care and cancer symptom management. *Cancer Journal*: 2006 Sep-Oct; 12(5):425-31.
- Marcus, M.T., Fine, M., & Kouzekanani, K. (2001). Mindfulness-Based Meditation in a Therapeutic Community. *Journal of Substance Use*, 5, 305-311.
- Marcus, M.T., Fine, M., Moeller, F. G., Khan, M.M., Pitt, K., & Liehr, P. (2003). Changes in stress levels following mindfulness-based stress reduction in a therapeutic community. *Addictive Disorders and Their Treatment*, 2: 63-68.
- Marcus, M.T., Liehr, P., Schmitz, J., Moeller, F., Swank, P., Fine, M., Cron, S., Granmayeh, L.K., & Carroll, D. (2007). Behavioral Therapies Trials. *Nursing Research*, 56, 3: 210-216.

- Marlatt, G.A. (1994). Mindfulness and metaphor in relapse prevention: an interview with G. Allan Marlatt. *Journal of the American Dietetic Association*, 94(8), 846-8, Aug., 1994.
- Massion, A. O., Teas, J., Heber,t J.R., Wertheimer, M.D., & Kabat-Zinn, J. (1995). Meditation, melatonin and breast/prostate cancer: hypothesis and preliminary data, *Medical Hypotheses*, 44(1), 39-46. Jan. 1995.
- McConnell, Allen R. et al (2011) Friends with Benefits: On the Positive Consequences of Pet Ownership. *Journal of Personality and Social Psychology*, 2011, Vol. 101, No. 6, 1239 1252
- Mehrabian, Albert (1972). Silent Messages: Implicit Communication of Emotions and Attitudes, Wadsworth Publishing Company, Belmont, California.
- Melson, G.F. (1990). Pet ownership and attachment in young children: relation to behavior problems and social competence. Annual Meeting of the Delta Society, Houston, TX.
- Miller, J., Fletcher, K., & Kabat-Zinn, J. (1995). Three-year follow-up and clinical implications of a mindfulness-based intervention in the treatment of anxiety disorders. *General hospital psychiatry*, 17, 192-200.
- Minor, H.G., Carlson, L.E., Mackenzie, M.J., Zernicke, K., & Jones, L. (2006). Evaluation of a Mindfulness-Based Stress Reduction (MBSR) program for caregivers of children with chronic conditions. *Social Work Health Care*, 2006; 43(1):91-109.
- Minor, Robert N. (2007). When Religion is an Addiction. Humanity Works, St. Louis, MO.
- Mirisse, Dhammika (2000). Stress reduction for youth through mindfulness and lovingkindness meditation. (Master's thesis, University of Colombo, Sri Lanka, Simon Fraser University). National Library of Canada.
- Napoli, Maria. (2004). Mindfulness training for teachers: A pilot program. *Complementary health practice review*, *9* (1) 31-42.
- National Institute for Clinical Excellence. (2004). Depression: Management of depression in primary and secondary care. *Clinical Guideline 23.*
- Nhat Hanh, Thich (1997). *True Love: A Practice for Awakening the Heart,* Shambhala Publications, Boston, Massachusetts.
- Palley, Lori S.; O'Rourke, P. Pearl; & Niemi, Steven M. (2010). Mainstreaming Animal-Assisted Therapy. *ILAR Journal*, Volume 51, Number 3 2010.
- Perry, B. D. (2009, November 25). Childhood Experience and the Expression of Genetic Potential: What Childhood Neglect Tells Us About Nature and Nurture. Retrieved November 25, 2009, from Feral Children's website: http://www.feralchildren.com/en/pager.php?df=perry2002&pg=9
- Purcell, A.H. Corbin, J.D. Hans, K.E. (2007). Urban Riparian Restoration: An Outdoor Classroom for College and High School Students Collaborating in Conservation, *Madrono, Vol. 54, No. 3, pp. 258–267, 2007.*

- Roggenbuck, J.W. & Driver, B.L. (2000). Benefits of Nonfacilitated Uses of Wilderness. *USDA Forest Service Proceedings RMRS-P-15-VOL-3.*
- Rowan, John (1990). Subpersonalities: The People Inside Us. Routledge, Chapman & Hall, Incorporated.
- Salomon, A. (1995). *Animals as a means of emotional support and companionship for children aged 9 to 13 years old.* Conference on Human Animal Interactions, Animal Health, and Quality of Life, Sept 6-9, Geneva, Switzerland.
- Segal, Z. V., Williams, J. M. G., & Teasdale, J. D. (2002). *Mindfulness-based cognitive therapy for depression: A new approach for preventing relapse*. New York: Guilford Press.
- Sempik, J. and Spurgeon, T. (2006) Lessons learnt Evidence from practice: The use of plants and horticulture in promoting health and well-being in: Proceedings of the 6th International Congress on Education in Botanic Gardens, Richmond: Botanic Gardens Conservation International in association with Oxford: University of Oxford Botanic Garden (ISBN 1-905164-13-0).
- Shapiro, S. L. (2009). The integration of mindfulness and psychology. *Journal of Clinical Psychology*, 65(6), 555–560.
- Siegel, Daniel J. (1999). The Developing Mind: How Relationships and the Brain Interact to Shape Who We Are, Guilford Press, New York, NY.
- Siegel, Daniel J. (2007). The Mindful Brain: Reflection and Attunement in the Cultivation of Well-Being, W.W. Norton & Co., New York, NY.
- Snyder, M. & Wieland, J. (2003). Complementary and alternative therapies: What is their place in the management of chronic pain? *Nurs Clin North Am.* 38(3): 495-508; Sep 2003.
- Sponselee, A.M., de Kort, Y. & Meijnders, A. (2004). Healing Media: The moderating role of presence in restoring from stress in a mediated environment. *Presence 2004.*
- Stein, Murray (2005). Individuation: Inner Work. *Journal of Jungian Theory and Practice, Vol. 7,* No. 2.
- *Tale of Two Wolves*, Downloaded from http://www.firstpeople.us/FP-Html-Legends/TwoWolves-Cherokee.htm, January 7, 2010
- Teasdale, J. D., Segal, Z. V., Williams, J. M. G., Ridgeway, V. A., Soulsby, J. M., & Lau, M. A. (2000). Prevention of relapse/recurrence in major depression by mindfulness-based cognitive therapy. *Journal of Consulting and Clinical Psychology*, 68, 615–623.
- Toneatto, T., & Nguyen, L. (2007). Does mindfulness meditation improve anxiety and mood symptoms? A review of the controlled research. *La Revue Canadienne de Psychiatrie,* 52(4), 260–266.
- Twain, Mark (1998). The Adventures of Tom Sawyer, Dover Thrift Editions, New York, NY.
- Van den Berg, A. E., & Ter Heijne, M. (2005). Fear versus fascination: Emotional responses to natural threats. *Journal of Environmental Psychology*, 25 (3), 261-272.
- Vetesse, L. C., Tonneatto, T., Stea, J. N., Nguyen, L., & Wang, J. J. (2009). Do mindfulness meditation participants do their homework? And does it make a difference? A review of the empirical evidence. *Journal of Cognitive Psychotherapy: An International Quarterly, 23(3), 198–225.*
- Walsh, F. (2006). Strengthening Family Resilience, Second Edition. New York, NY: Guilford Press.

- Whittington, A. (2006). Girls in the Woods: Exploring the Impact of a Wilderness Program on Adolescent Girls' Constructions of Femininity. *Journal of Experiential Education, 2006, Vol. 28, No. 23, pp. 285-289.*
- Williams, Mark; Teasdale, John; Segal, Zindel, and Kabat-Zinn, Jon (2007). *The Mindful Way Through Depression: Freeing Yourself from Chronic Unhappiness*. Guilford Press, New York, NY.