# Harnessing Mindfulness: Tailoring the Practice to the Person

Ronald Siegel, Psy.D.

#### What is Mindfulness?

- Sati in Pali
  - Connotes awareness, attention, & remembering
- In therapeutic arena, also includes
  - Non-judgment
  - Acceptance
    - · Adds kindness & friendliness

#### Therapeutic Mindfulness

- 1. Awareness
- 2. Of present experience
- 3. With acceptance

#### Mindfulness is Not:

- · Operating on "autopilot"
- Being lost in fantasies of the past and future
- Breaking or spilling things because we're not paying attention
- Rushing through activities without attending to them

#### Life Is Difficult, for Everybody

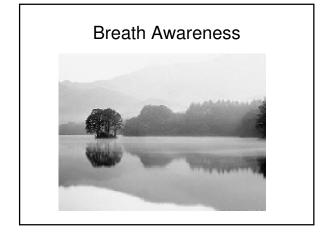
- · Everything changes
  - Loss is inevitable
- We're hard wired to try to enhance our self esteem
  - But we win some and lose some
  - And we get sick and die

#### Mindfulness Can Help Us

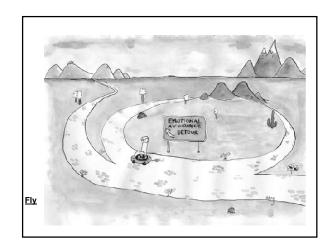
- · To see and accept things as they are
- To loosen our preoccupation with "self"
- To experience the richness of the moment
- · To become free to act skillfully

#### Mindfulness Practice is Not:

- Having a "blank" mind
- Becoming emotionless
- Withdrawing from life
- Seeking bliss
- Escaping pain



### **How it Works**

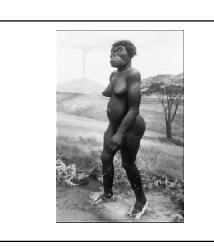


#### Overwhelmed?



Intensity of experience

Capacity to bear experience



### The Thinking Disease

- Analyze past pleasure and pain
- Maximize future pleasure and avoid future pain



#### The Roles of Mindfulness

Implicit

Explicit

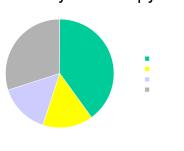
- Practicing Therapist
  - Relates mindfully to patients regardless of therapeutic intervention
- Mindfulness Informed Psychotherapy
  - Insights from mindfulness practice inform treatment
- Mindfulness Based Psychotherapy
  - Teaches mindfulness practice to patients

### **Dodo Bird Hypothesis**



"Everybody has won, and all must have prizes."

# What Matters Most in Psychotherapy?



# "Evenly Hovering Attention"

- "Listen and not to trouble to keep in mind anything in particular"
  - Freud, 1912



### And I, Sir, Can Be Run Through with a Sword



#### Affect Tolerance

- Not "my," but "the"
  - Anger
  - Fear
  - Lust
  - Joy

# **Embracing Affect**

- · Beyond affect tolerance - embracing emotion
  - Our patients can only be
  - with those emotions that we can embrace
- · All emotions experienced as transient
  - A teaspoon of salt in a pond



# Not Knowing



#### Beginner's Mind



### Fitting the Practice to the Person

#### Core Practice Skills

- 1. Concentration
- 2. Mindfulness per se
- 3. Acceptance and Compassion

#### Concentration vs. Mindfulness

- Concentration
  - Choose an object and follow it closely
- Mindfulness
  - Attend to whatever object rises to forefront of consciousness





# Acceptance



#### Continuum of Practice

**Informal Mindfulness Practice** 

**Formal Meditation Practice** 

**Intensive Retreat Practice** 

#### Informal Practice



### **Taillight Meditation**



# Formal Practice

(Results May Vary)

- Data supports effects of formal meditation
- Structural and functional brain changes.



#### Intensive Retreat Practice





Resources at: meditationandpsychotherapy.org

#### Religious or Secular?

- "Spiritual" practices
  - Devotional and theistic
- · Secular practices
  - Science grounded
- · Seek cultural consonance

#### Turning toward Safety I

- · Outer or distal focus
  - Walking Meditation
  - Listening Meditation
  - Nature Meditation
  - Eating Meditation
  - Open eye practices



#### Turning toward Safety II

- Inner focus
  - Mountain Meditation
  - Guided Imagery
  - Metta Practice
  - DBT techniques



# Turning Toward the Sharp Points

- Moving toward anything unwanted or avoided
- How is it experienced in the body?
  - Pain, fear, sadness, anger
  - Unwanted images or memories
  - Urges toward compulsive behaviors



### Objects of Attention

Course



- · Feet touching ground
- · Sights and sounds of nature
- · Taste of food
- · Sound of bell
- Breath in belly
- Mantra
- · Air at tip of nose

Subtle

#### **Different Strokes**

- Need for frequent adjustment of exercises
- Elicit feedback about the experience
  - Both during and after practice
- Titrate between Safety and Sharp Points

#### Intensive Retreat Practice





Resources at: meditationandpsychotherapy.org

# When Mindfulness of Inner Experience Can Be Harmful

- When overwhelmed by traumatic memories
- When terrified of disintegration, loss of sense of self
- When suffering from psychosis

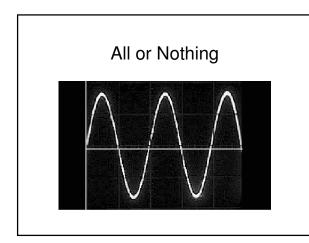


# Alternate Techniques when Overwhelmed

- Eyes open, external sensory focus
  - Ground, trees, sky, wind, sounds
- Yoga practices to stretch and relax muscles



Stepping into Life: Treating Depression



# Turning Away from Experience

- Depression involves turning away from pain
- Mindfulness turns toward the experience at hand, challenging the depressive stance

### Learned Helplessness

- Mindfulness redirects attention to present
- Practice seeing moment to moment experiences as workable



#### Prisoners of Habit



#### Murder in the 180<sup>th</sup> Degree





#### **Aliveness**



You become sensitive to the actual experience of living, to how things actually feel. You do not sit around developing sublime thoughts about living. You live. - Bhante Guanarantana

#### Attention to Present Affect

- Focus on what, not why
  - What is happening right now?
  - Can you be with or breath into what is happening right now?
- Similar to Eugene Gendlin's focusing and Gestalt Therapy techniques.

#### Moving Toward Pain

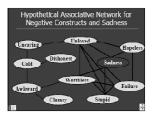
- What do you experience in your body?
- What is your relationship to your pain?
- Do you feel compassionate toward yourself?



# Mindfulness-Based Cognitive Therapy (MBCT)

- One of "Third Wave" of Behavior Therapies
  - Acceptance is a precondition of change
     Carl Rogers
- · Formulated by Teasdale, Segal, & Williams
- Hypothesized that mindfulness might prevent relapse of Major Depression episodes
- · Based on information processing theory

#### **MBCT Model of Depression**



Mild dysphoria triggers depressive cognitive patterns from previous major depressive episode

#### **MBCT Components**

- · Formal Practice
  - Body Scan
  - Mindful Stretching/Yoga
  - Mindfulness of breath/body/sounds/thoughts
- · Informal Practice
  - 3 minute breathing space, regular or coping
  - Mindfulness of everyday activities

#### **MBCT Structure**

- · Activities based on MBSR model
- Done in groups of up to 12 recovered depressed patients
- 8 weekly 2 hour sessions
- · 4 follow up meetings
- · Daily homework

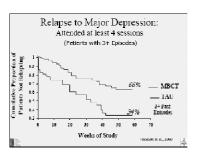
### Perspective on Thought

- Refuting thought often falls flat
- Changing relationship to all thinking is more powerful

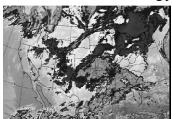
Thoughts are not facts. . . I am not my thoughts. . .



#### MBCT Depression Treatment Outcomes



#### Affective Meteorology

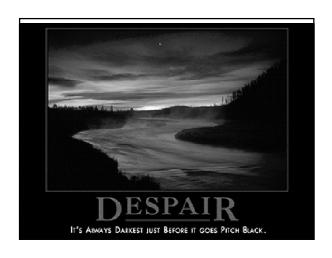


- When in the past did you not feel depressed?
- How were your thought patterns different?

#### **Entering Dark Places**

- Following our patient into
  - Despair
  - Loneliness
  - Un-lovability
  - Self hate





### Surviving & Connecting

- Patients need to know that they will not kill us off with their anger or despair
- "You cannot draw a depressed person out of his misery with love...you can, sometimes, manage to join someone in the place where he resides"

- Andrew Solomon

# Hope

- Premature offers of hope are empathic failures
- Empathic connection itself offers hope



#### Medication

- Is patient caught in downward spiral?
- Does depressed affect lead to behavior which results in more depression?
- Is therapeutic relationship sufficient to reverse this?

#### The Guest House

This being human is a guest house. Every morning a new arrival.

A joy, a depression, a meanness, some momentary awareness comes as an unexpected visitor.

Welcome and entertain them all! Even if they're a crowd of sorrows, who violently sweep your house empty of its furniture, still, treat each guest honorably. He may be clearing you out for some new delight.

The dark thought, the shame, the malice, meet them at the door laughing, and invite them in.

Be grateful for whoever comes, because each has been sent as a guide from beyond.

~ Rumi ~

#### Befriending Fear: Treating Anxiety Disorders

#### Components of Anxiety

- · Physiological
  - Psychophysiological arousal
- · Cognitive/Affective
  - Future oriented thinking, fear
  - Accurate and inaccurate risk appraisal
- Behavioral
  - Avoidance and rituals

# **Toppling Forward**

- Most of time we're lost in thoughts about the future
- · Next, next, next
  - Looking forward to pleasure
  - Dreading pain



#### Anticipation

- All anxiety is anticipatory
- Even people in terrible present situations worry about the future



### Worry

- · Keeps me safe
- · Helps me cope
- Prepares me for what may come



# Trying to Be Happy by Avoiding Pain

- The "Diver Dan" approach to life
  - Phobic avoidance & constriction
- · Medicating discomfort
- · Hooked on distraction
- TV, Internet, Shopping
- · Stimulation tolerance

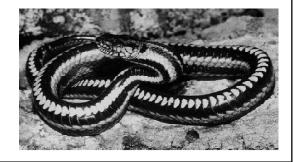


#### **Escape-Avoidance Learning**

- · Enter situation
- · Anxiety arises
- · Leave situation
- · Anxiety abates
- Reduction in anxiety is negatively reinforcing



# Exposure and Response Prevention



# Compassionate Bait and Switch

- Patients want us to remove anxious feeling
- Instead, we help them to increase their capacity to bear it
- Changing their relationship to the experience

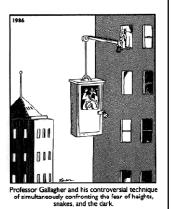
#### 2500 Year Old Treatment

Why do I dwell always expecting fear and dread? What if I subdue that fear and dread keeping the same posture that I am in when it comes upon me? While I walked, the fear and dread came upon me; I neither stood nor sat nor lay down until I had subdued that fear and dread.

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# Facing Fears

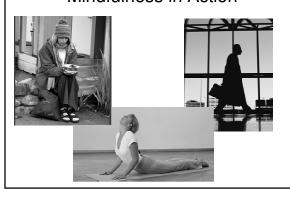
- Necessary component of all anxiety treatment
- Mindfulness provides support



#### Relief from Narcissistic Threats

- Anxiety often involves threats to who we think we are
  - Self image
  - Health
  - Wealth
  - Anticipated loss of pleasure
  - Anticipated pain

#### Mindfulness in Action



#### Mindfulness of Unwanted Affect

- Much anxiety is signal anxiety
- · Fear of
  - Anger
  - Sadness
  - Sexual urges
  - Repressed/suppress ed memories
  - Unacceptable thoughts

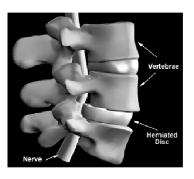


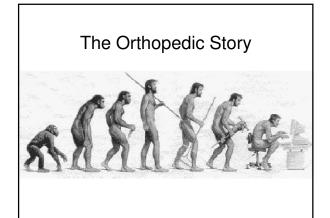
# **Beyond Symptom Management:**

Treating Psychophysiological Disorders

The Strange Case of Chronic Back Pain

#### Bad Back?



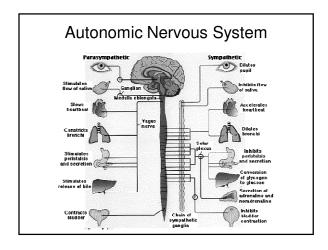


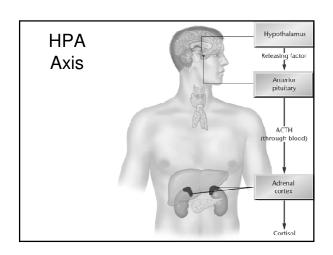
#### What's the Evidence?

- 2/3 of people who have never suffered from serious back pain have the same sorts of "abnormal" back structures that are often blamed for the pain
- Millions of people who suffer from chronic back pain show no "abnormalities" in their backs
- Many people continue to have pain after "successful" surgical repair

### "Smoking Gun" Studies

- What countries have chronic back pain epidemics?
- · Who gets chronic back pain?
- What is the quickest way out of acute back pain?



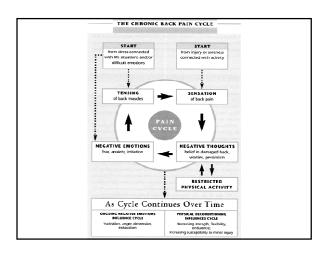


#### A Well-Adjusted Brain



# Disorders of Chronic Overarousal or Disregulation

- · Back, Neck, or other chronic muscle pain
- · Gastrointestinal Distress
- · Headaches, TMJ, Tinnitus, Bruxism
- Insomnia
- · Eczema and other skin disorders
- Sexual Dysfunctions
- · Panic and other anxiety disorders



#### Not Imaginary Pain

- While psychological stressors of all types can contribute to chronic back pain, the pain is not imagined or "All in the head"
- It is caused by real muscle tension.
- Patients often need for this to be explained repeatedly

# Four Steps of the Back Sense Program

- 1. Medical Evaluation
- 2. Cognitive Restructuring
- 3. Exposure Treatment
- 4. Working with Negative Emotions

#### In the Physical Therapy Office

- The weird science experiment gone awry
  - Implosion treatment
  - Ignores Back School instructions
- · Fastest method
- Greatest chance of drop out

#### In the Psychotherapy Office

- · Begin with activities that are:
  - Easy
  - Pleasurable or rewarding
  - Can be done 3 or more times/week
- · Continue until no longer feared
  - Convinced it doesn't make pain worse
- · Use Resuming Activities Chart

#### Systemic Issues

- Much stress is interpersonal
  - Need for enhanced communication strategies
- Need to address systemic secondary gain
  - Interpersonal
  - Economic



### Mindfulness



# The Story of the Two Arrows

When touched with a feeling of pain, the uninstructed run-of-the-mill person sorrows, grieves, & laments, beats his breast, becomes distraught. So he feels two pains, physical & mental. Just as if they were to shoot a man with an arrow and, right afterward, were to shoot him with another one, so that he would feel the pains of two arrows (*Salllatha Sutta* [The Arrow]).

# (Pain) x (Resistance) = Suffering

- Pain can be observed to be separate from "suffering"
- · Impermanence as gift as well as curse
- Apparently solid pain states are observed to be like frames in a movie, everchanging

### Pain is Inevitable, Suffering is Optional

- Suffering Includes:
  - Grimacing, wincing, bracing.
  - Aversive thoughts.
  - Wishes for relief.
  - Self-punitive thoughts.
  - Anger, fear, depression regarding condition.

# Mindfulness & Cognitive Restructuring

### Thoughts Are Just Thoughts

- Mindfulness increases cognitive flexibility
- Need to believe that beliefs are part of the problem
- Not events themselves, but our reactions to events that are the problem

# Observing Pain-related Thoughts

- Tally-mark assignment to monitor thoughts
- Notice prevalence of anxious thought and feeling
- · Notice future-oriented catastrophizing
- · Notice "budgeting" activity

# Mindfulness & Resuming Normal Life

#### Creative Hopelessness

- Central paradox in treatment of psychophysiological disorders:
  - Attachment to symptom reduction perpetuates disorder



### Mindfulness: Beyond Relaxation Training

- Not trying to gain control over physiological arousal
- Mindfulness
  - Fosters cognitive change
  - Increases symptom tolerance
  - Uncovers emotions
  - Increases capacity to choose whether to act on urges



#### Working with Intentions

- · Pain is distinct from urge to eliminate it
- Attention can be brought to urge to move
- Urge arises, reaches crescendo, and passes

# Mindfulness and Working with Negative Emotions

# Mindfulness and Psychodynamic Exploration

- Lack of affect awareness often central to psychophysiological disorders
- · Mindfulness practice
  - Aids psychodynamic exploration
  - Helps to develop both affect awareness and tolerance



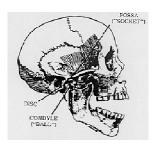
# Mindfulness and Other Psychophysiological Disorders

#### Other Muscle Tension Disorders

- Dynamics very similar to chronic back pain
  - Headaches; TMJ, neck, knee, foot, wrist, shoulder pain,
- · Need to rule out structural causes
  - Then follow same 4 step program

#### Placebo TMJ Treatment

- Sham tooth grinding cures TMJ (Goodman, Greene, & Laskin, 1976)
  - Told patients tooth grinding would resolve problem
  - Actually only vibrated teeth
  - 64% of patients reported total or significant relief



### Placebo Knee Surgery

- Sham knee surgery resolves knee pain from osteoarthritis (Moseley, O'Malley, & Peterson, et al., 2002)
  - 1/3 subjects received arthroscopic debridement
  - 1/3 subjects received arthroscopic lavage
  - 1/3 subjects received incisions only (placebo surgery)
  - All improved. Real surgery had no advantage over placebo at any point during 2 years following surgery.



#### Sexual Dysfunctions



# Trying to Fix the Plumbing

- Rule out physical disease or physiological condition
- Effective non-pharmacological interventions target acceptance
  - Masters and Johnson
- · Attention to relationship issues
  - Unresolved anger, guilt, etc.

#### Insomnia

- Conventional Treatment:
  - Stimulus control
  - Sleep hygieneRelaxation
- Mindfulness Treatment:
  - Reduced sleep need
  - Give up goal orientation



#### Gastrointestinal Distress

- System remarkably sensitive to emotional stress
  - No need to digest your lunch when you're about to become somebody else's



Facing Mortality:
The Challenge of Illness
Anxiety

#### **Facing Mortality**

- Everything falls apart in the end
  - Illness challenges delusion of immortality
- Opportunity to live more fully here and now
  - Meditation at burial grounds
  - Spiritual Autopsies



#### Silver Linings

- For many patients, recovery is first exposure to mindfulness insights.
  - Learning to let go
  - Learning to face fear
  - Noticing transient nature of experience
  - Increased awareness of emotion
- Lessons apply to the rest of life.



For worksheets, charts, and more information on psychophysiological disorders visit:

www.backsense.org

For mindfulness & psychotherapy resources, visit: www.meditationandpsychotherapy.org

For recorded meditations, visit: www.mindfulness-solution.com

email: rsiegel@hms.harvard.edu

### Mindfulness & Psychtotherapy: Clinician Resources

(Adapted and updated from *Mindfulness and Psychotherapy*, Edited by Christopher K. Germer, Ronald D. Siegel, and Paul R. Fulton. Guilford Press, 2005).

Please visit **www.meditationandpsychotherapy.org** for updated listings.

#### Mindfulness-Oriented Psychotherapy

#### **Books**

- Baer, R. (Ed.) (2006). *Mindfulness-based treatment approaches: Clinician's guide to evidence base and applications.* Burlington, MA: Academic Press.
- Begley, S. (2007). Train you mind, change your brain. New York: Ballantine.
- Bennett-Goleman, T. (2001). Emotional alchemy. New York: Harmony Books.
- Brantley, J. (2003). Calming your anxious mind. Oakland, CA: New Harbinger Publications.
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- Kabat-Zinn, J. (1990). Full catastrophe living. New York: Delacorte Press
- Kurtz, R. (1990). *Body-centered psychotherapy: The Hakomi method*. Mendocino, CA: LifeRhythm.
- Kwee, M., Gergen, K., & Koshikawa (Eds.) (2007). *Horizons in Buddhist psychology*. Chagrin Falls, Ohio: Taos Institute Publications.
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- Safran, J. E. (2003). Psychoanalysis and Buddhism. Boston: Wisdom Publications.
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Wallin, D. (2007). Attachment in psychotherapy. New York: The Guilford Press.

#### Websites

Institute for Meditation and Psychotherapy: www.meditationandpsychotherapy.org

Mindfulness-Based Stress Reduction: www.umassmed.edu/cfm

Dialectical Behavior Therapy: www.behavioraltech.com

Acceptance and Commitment Therapy: www.acceptanceandcommitmenttherapy.com

Mindfulness and Acceptance Special Interest Group of the Association for the Advancement of Behavior Therapy: <a href="listserv.kent.edu/archives/mindfulness/html">listserv.kent.edu/archives/mindfulness/html</a>

Self-Compassion Resources: www.self-compassion.org

The Back Sense program for treating chronic back pain: www.backsense.org

#### **Mindfulness Practice Resources**

(Adapted and updated from *The Mindfulness Solution: Everyday Practices for Everyday Problems*, by Ronald D. Siegel, Guilford Press, 2010).

Please visit www.mindfulness-solution.com for updated listings.

#### Mindfulness Practice

#### **Books**

- Aronson, H. (2004). *Buddhist practice on Western ground: Reconciling Eastern ideals and Western psychology*. Boston: Shambhala Publications.
- Beck, C, (1989). Everyday Zen: Love and work. San Francisco: HarperSanFrancisco.
- Brach, T. (2003). *Radical acceptance: Embracing your life with the heart of a Buddha*. New York: Bantam Dell.
- Chodron, P. (2001). *The wisdom of no escape and the path of loving-kindness*. Boston: Shambhala Publications.
- Dalai Lama & Cutler, H. (1998). The art of happiness: A handbook for living. New York: Riverhead.
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- Weiss, A. (2004). *Beginning mindfulness: Learning the way of awareness*. Novato, CA: New World Library.

#### Recordings

Meditations from *The Mindfulness Solution: Everyday Practices for Everyday Problems:* www.mindfulness-solution.com

#### **Meditation Training Centers**

#### Secular

Center for Mindfulness in Medicine, Healthcare, and Society, University of Massachusetts Medical School, 55 Lake Avenue North, Worcester, MA 01655. http://www.umassmed.edu/cfm/mbsr/

#### Vipassana

- Barre Center for Buddhist Studies, 149 Lockwood Road, Barre, MA 01005 <a href="http://www.dharma.org">http://www.dharma.org</a>
- Insight Meditation Society, 1230 Pleasant St., Barre, MA 01005 <a href="http://www.dharma.org">http://www.dharma.org</a>
- Insight LA, 2633 Lincoln Blvd, #206, Santa Monica, CA 90405 http://www.insightla.org
- New York Insight, P.O. Box 1790, Murray Hill Station, New York, NY 10156. <a href="http://www.nyimc.org">http://www.nyimc.org</a>

Spirit Rock Meditation Center, P.O. Box 909, Woodacre, CA 94973 <a href="http://www.spiritrock.org">http://www.spiritrock.org</a>

#### **Tibetan**

Naropa University, 2130 Arapahoe Ave Boulder, CO 80302 http://www.naropa.edu

Shambala Mountain Center, 4921 County Road 68-C, Red Feather Lakes, CO 80545 <a href="http://www.shambhalamountain.org">http://www.shambhalamountain.org</a>

#### Zen

San Francisco Zen Center, 300 Page Street, San Francisco, CA 94102 <a href="http://www.sfzc.com">http://www.sfzc.com</a>

Zen Center of Los Angeles http://www.zcla.org

Zen Mountain Monastery, P.O.Box 197, Mt. Tremper, NY 12457 <a href="http://www.mro.org/zmm/zmmhome/">http://www.mro.org/zmm/zmmhome/</a>

#### **Buddhist Psychology**

#### **Books**

Batchelor, S. (1997). Buddhism without beliefs. New York: Riverhead Books.

Bhikkhu Bodhi (Ed.). (1999). *A comprehensive manual of Abhidhamma*. Seattle, WA: Buddhist Publication Society.

Fleischman, P. (1999). *Karma and chaos: New and collected essays on vipassana meditation*. Seattle: Vipassana Publications.

Johansson, R. (1979). The dynamic psychology of early Buddhism. New York: Humanities Press.

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Kalupahana, D. (1987). The principles of Buddhist psychology. Albany: SUNY Press.

Nyanaponika Thera. (1965/1996). The heart of Buddhist meditation. Boston: Weiser Books.

Rahula, W. (1986) What the Buddha taught. New York: Grove Press.

#### Websites

Buddhist information and education: www.buddhanet.net

Buddhism and science: www.mindandlife.org

Audiovisual materials of all kinds: www.soundstrue.com

Mindfulness teacher talks: www.dharmaseed.org

Buddhist journal (USA): www.tricycle.com

Journal for mindfulness practitioners: www.inquiringmind.com

#### **About the Presenter**

Dr. Ronald D. Siegel is an Assistant Clinical Professor of Psychology at Harvard Medical School, where he has taught for over 30 years. He is a long time student of mindfulness meditation and serves on the Board of Directors and faculty of the Institute for Meditation and Psychotherapy. He teaches internationally about mindfulness and psychotherapy and mind/body treatment, has worked for many years in community mental health with inner city children and families, and maintains a private clinical practice in Lincoln, Massachusetts. Dr. Siegel is coauthor of the self-treatment guide *Back Sense: A Revolutionary Approach to Halting the Cycle of Chronic Back Pain*, which integrates Western and Eastern approaches for treating chronic back pain; coeditor of the critically acclaimed text, *Mindfulness and Psychotherapy*, author of a recent book for general audiences, *The Mindfulness Solution: Everyday Practices for Everyday Problems*, and coeditor of the recently released *Wisdom and Compassion in Psychotherapy: Deepening Mindfulness in Clinical Practice*. He is also a regular contributor to other professional publications, and is co-director of the annual Harvard Medical School Conference on Meditation and Psychotherapy.

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For recordings of mindfulness practice instructions, including meditations for working with anxiety, depression, relationship issues, addictions, and other difficulties, please visit www.mindfulness-solution.com

For information about mindfulness and psychotherapy programs, please visit www.meditationandpsychotherapy.org

For information about the *Back Sense* program for treating chronic back pain, please visit www.backsense.org