

"Before I was married, I had 6 theories about raising children; now I have 6 children and no theories" John Wilmot (1847-1880) Earl of Rochester

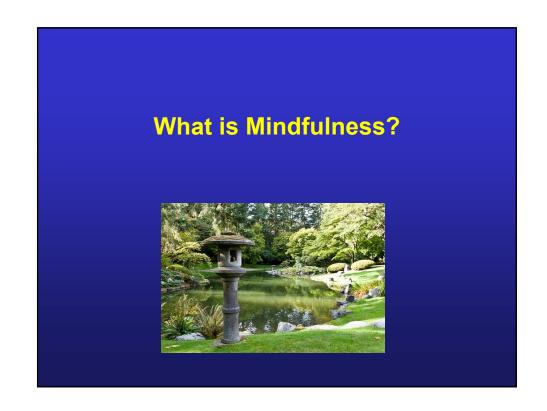
Outline

What you will get out of this in 50 minutes

- Didactic and Experiential
- What is Mindfulness? A Primer including Research
- Mindfulness with Youth
 - Depressive Symptoms +/- Pain
 - Stress & Anxiety
 - ADHD
 - Other
- Mindfulness for Teachers
- Discussion







What is Mindfulness?

Secular definition

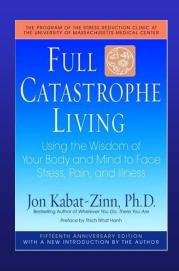
"Mindfulness is the awareness that emerges through paying attention, on purpose, in the present moment, and non-judgmentally, to things as they are"

Kabat-Zinn J: Wherever You Go, There You Are: Mindfulness Meditation in Everyday Life. 1994. p.4.

Being fully present in the here and now Increased Awareness and Attention Observing whatever is happening without judgment

Mindfulness-Based Stress Reduction (MBSR)

- Centuries: Eastern meditation traditions
- 1979: Stress Reduction Clinic, University of Massachusetts Medical School
- 8-week Program
- 2009: Over 240 hospitals and clinics



Mindfulness Myths

Having a "blank" or "empty" mind

Noticing how the mind works

Seeking "bliss"

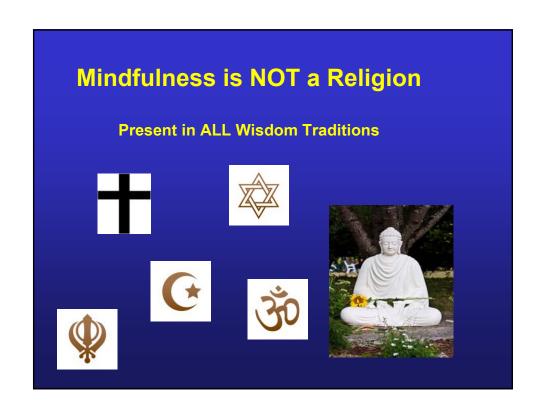
Dualism vs non-dualism

"Escaping pain"

Instead → embracing and allowing pain

Relaxation exercises

While mindful exercises may be relaxing, this is not the primary goal. Instead, mindfulness aims to establish a greater sense of intentional attention and awareness.



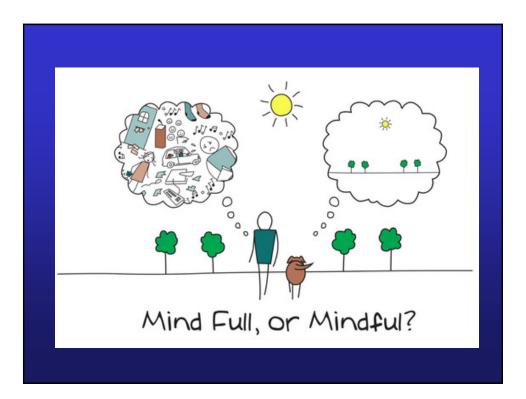
Mindfulness Core Skills

What we teach in the MBSR / MBCT Course Online MBSR (free) - PalouseMindfulness.com

- 1. Body Scan (30 minutes)
- 2. 3 Minute SOBER Breathing Space (or STOP)
- 3. 3 Minute SOBER Coping Space
- 4. Sitting Meditation (30 40 minutes)
- 5. Movement / Walking Meditation
- 6. Increased Awareness of Everything (Informal Mindfulness)

Informal Mindfulness Practices

- Stepping out of "Automatic Pilot" mode
- Becoming more aware /paying more attention in all moments of daily life
- Walking, Eating, Running, **Driving**
- Listening and speaking increased engagement in interpersonal interactions



How can Mindfulness be Helpful?

- Helps us to become present (vs Automatic Pilot) including interpersonal relationships
- Change ruminative cognitive patterns
- "Responding" vs. "reacting"
- Cope with stress better (^ Resilience & Grounding)
- Changes our relationship with stress, pain
- Emerging: Neuroplasticity
- **Develops Self-Regulation including Attention

Siegel, D. Mindsight: The New Science of Personal Transformation. 2011: Bantam Jacobs TL, Epel E et al. *Psychoneuroendocrinology*. 2011;36:664.

DukkhaPali Suffering

$Suffering = Pain \ x \ Resistance$

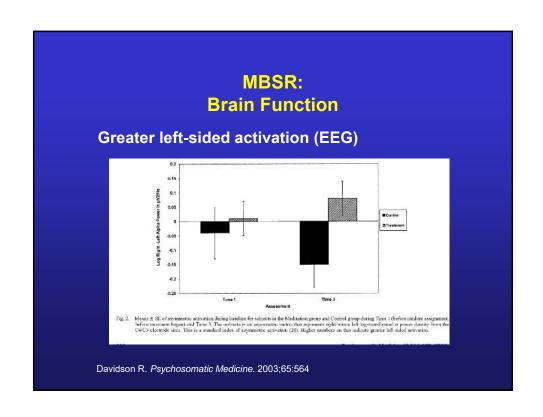
Often Pain is immutable but suffering may be reduced if we reduce our Resistance

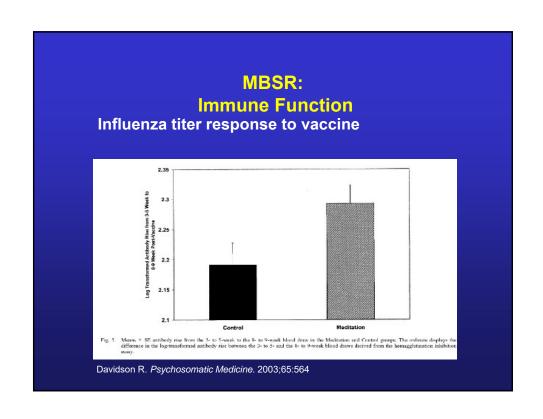
Pain can be physical and/or psychological

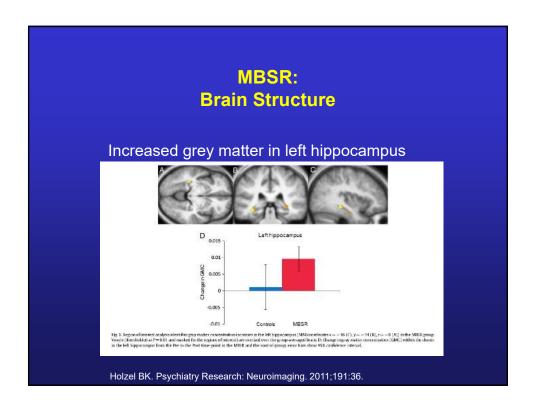
Acceptance of the what is...not what we wish it was or it should be Distinct from Resignation

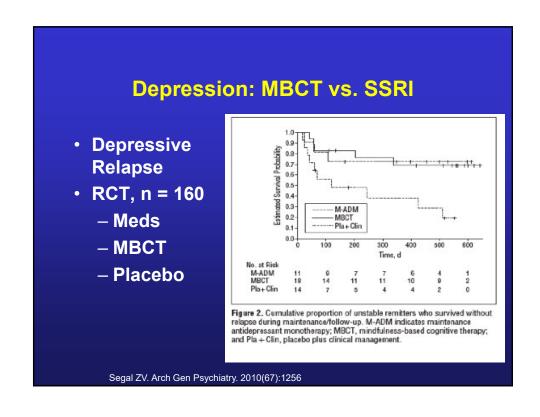
Evidence for Mindfulness

- 1967 Herbert Benson TM
- 1979 Jon Kabat-Zinn MBSR
- 1988 Jeffrey Schwartz OCD
- 2003 Richard Davidson Left Shift and improved Immunity
- 2005 Sara Lazar Cortical Thickening
- 2005 Lydia Zylowska Adult ADHD
- 2011 S van der Ord: Children with ADHD
- Dean Ornish Reversal of Cardiac Plaque, reduction in Prostate Ca
- Teasdale/Segal MBCT & Prevention of Depressive Relapse
- · Relationships, ADHD, Aggression
- · Elissa Eppel longer Telomeres 2011
- Holzel 2011 increased grey matter in L Hippocampus (cf decrease with MJ)
- NEED more RCT's (MacKay 2016)







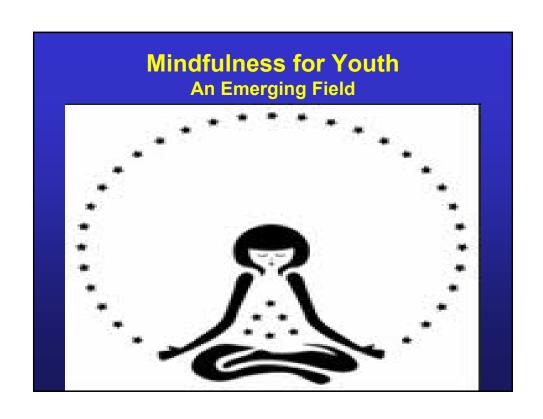


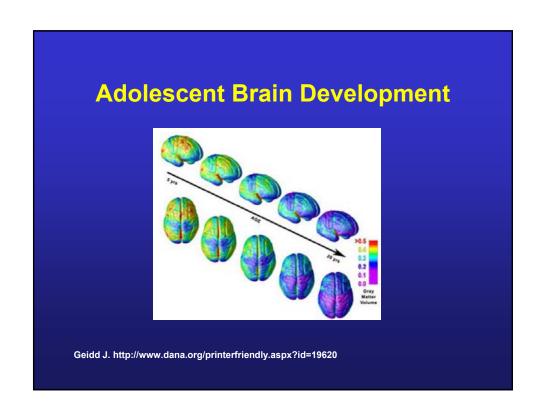
Therapeutic MBI's The research so far

(MacKay 2016) (Atlantic Monthly)

- MBSR, MBCT, MBRP, ACT, MARS, etc
- Most useful for non-clinical populations
- Some clinical groups benefit:
 - Stress and Anxiety
 - Pain Syndromes
 - Depressive Relapse
- ...we see what we want to see (Researcher Bias)
- More RCT's and evidence base
- Some Contraindications: Psychosis, Trauma,

Guided Exercise breathe you are alive Calligraphy by Thich Nhat Hanh





Mindfulness and Adolescent Development

Self-Regulation

- Promote development of Self-Regulation including emotional (Mood and Anxiety), behavioral, & cognitive/attention (ADHD) regulation?
- Promote development of resilience pathways?
- Promote self compassion and kindness to others
- Promote empathy
- Reduce health risk behaviors?
- Provide lifelong skills?

Mindfulness with Children & Adolescents: Clinical Trials

- Preliminary evidence for benefits:
 - Increased attention (ADHD) / memory
 - Blood pressure, Sleep
 - Mood: Anxiety, Depression, PTSD
 - Positive Affect
 - Substance abuse
 - Family Functioning
- Research still in early stages

Harnett PH. Child and Adolesc Mental Health. (Published online 14 January 2012) Greenberg. Child Dev Persp. 2011. ePub

Adapting Mindfulness Teaching for Youth

Cognitive Development: Concrete language

Attention: Shorter Practices

Examples: Relevant

 Social environment: Teen-friendly, Food, Flexibility

BC Children's Hospital: MARS-A

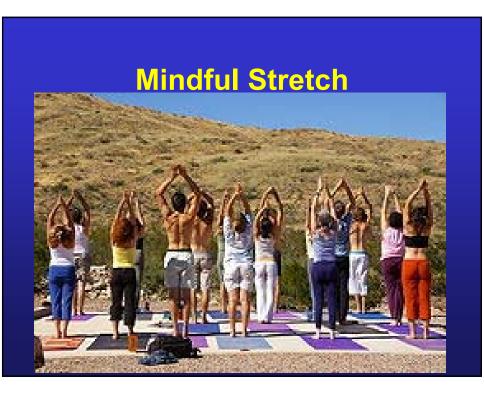
Collaboration between Psychiatry and Pediatrics

- "Mindful Awareness and Resilience Skills for Adolescents"
- Adapted from MBSR, MBCT, MBSR-T
- Adolescents age 15-19 yo with symptoms of significant distress (depression, anxiety, +/chronic illness, chronic pain)
- 8-week group mindfulness training
- Weekly sessions + half-day (weekend)
- · Skills training course: not "therapy"



MARS-A: Topics

- Psychoeducation: Stress, Depression, Health
- Formal Mindfulness Practice
- Informal Mindfulness Practice
- Mindfulness practices to handle distress:
 - Pain (Emotional and Physical)
 - Thoughts
 - Emotions
- "Suffering = Pain x Resistance"
- Developing a daily practice



Results of MARS-A so far (N= 84) Before, After, 6 months

CES-DC (Center for Epidemiological Studies - Depression Scale for Children)

Kesler 10 (Distress)

→ significant improvement

Significant improvement in

Quality of Life PANAS (Positive and improvement Negative Affect Scale)

& Life Satisfaction Scale

MARS-ADHD for Parents of Children with ADHD

(Locke, Murray, Mah)

- Skill-Based Parenting Groups improve outcomes for Children with ADHD
- → Parenting Black Belt
- · Research Question?
 - Will adding a Mindfulness component prior to such group training improve outcomes even more?
 - − → Parenting 2nd degree Black Belt?
 - MARS- Parents of Children with ADHD Results so far N = 96
- Marked decrease in Reactivity *
- Improved Executive Functioning (using BRIEF)
- · Mindfulness (using MAAS) was the same between both groups

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Mindfulness in Education

- Cognitive & attention
- Social skills
- Emotional recognition & regulation
- Teachers: Self-efficacy, Classroom Management

You become the mindfulness in the classroom

- MindUP (Grade 4-7), SMART (Vancouver) perspective taking, empathy, kindness, complex problem solving skills
- Mindful Schools

Atlantic Monthly August 31,2015

Meiklejohn J et al. Mindfulness. Integrating mindfulness training into K-12 education: Fostering the resilience of teachers and students. (Pub online 14 March 2012)
Schonert-Reichl K. Mindfulness. 2010; 1(3): 137.

"How to best take care of yourself"

...you will be better able to care for others

- SLEEP is #1
- Nutrition (Plant based, whole foods)
- Exercise (Walking is exercise)
- Fun and Recreation
- Social connection (with engaged, mindful communication)
- Mindfulness (Formal and Informal)
- Get a Family Doctor



STOP

short version of 3 Minute Breathing Space briefly step into "being mode".

- S Stop
- T Take 3 Mindful Breaths
- O Observe
- P Proceed



 Whenever you "hear a bell" – eg walking by mirror/window, door closing, phone rings, riding elevator, car honking etc)



Engaged Mindfulness

- Mindful Communication
 - Make eye contact
 - Intentionally listen
 - Be present and aware



• Enhances relationships with everyone – kids, partners, others





Mindfulness Resources

Books: (Banyan Books – they have everything)

"Wherever you go, there you are" Jon Kabat-Zinn

"The Mindful Brain" Daniel Siegel

"The Mindfulness Based Stress Reduction Workbook"

DVD's: "The Healing Mind" "Doing Time, Doing Vipassana"

Retreats: "Westcoast Dharma" Vancouver

"Spirit Rock Meditation Centre" San Francisco Annual Teacher's Retreat

MBSR BC Dr. Adrianne Ross

Free websites eg UCLA http://marc.ucla.edu/

Online MBSR (free) - PalouseMindfulness.com

Kelty Resource Center www.keltymentalhealth.ca

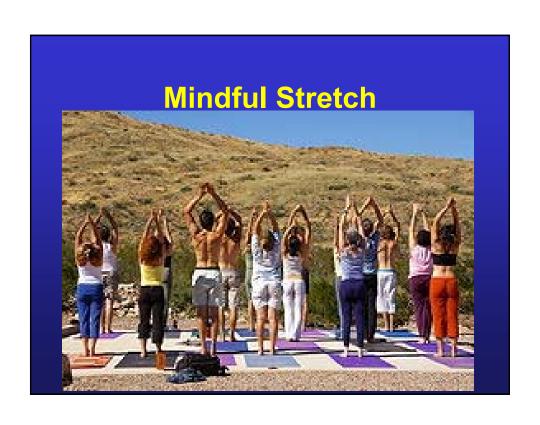
MARS Dropbox

It's not what you planned but this is your life You're still here Listen Something new is coming.

-Jack Kornfield



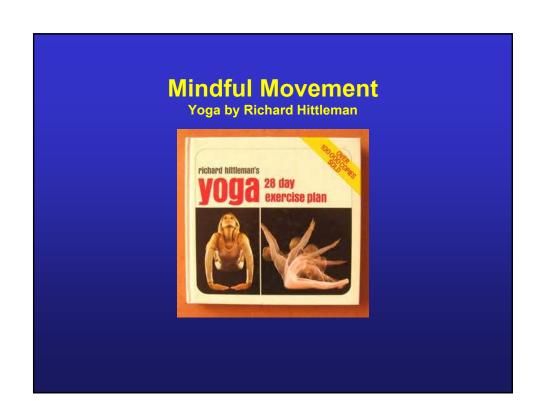






Walking Meditation

- · Go outside, go slowly, count 50 steps
- Focus on all of the muscles involved in each step, the lifting of the legs and planting of the feet
- Be careful, try and put all of your attention on this activity → return and take a break



CBT (Change Based) Peter McLean and Jack Rachman Versus MBCT (Acceptance Based)

- "The Mindful Way Through Depression"
 - Williams, Segal, Teasdale, Kabat-Zinn
- Bringing present moment awareness to thoughts just as they are without judgment or attempt to change the thought(s)
- "Stepping back" and observing the thoughts and noticing what else is happening too – body sensations?, emotions?
 → helps create a wider field of awareness and possibility of "wiser response"
- Response likely to involve CBT intervention (or not)

Power Nap

- Set Timer (phone, watch) for 2 10 minutes MAX!
- Sit with head supported against wall or you may lie down
- Close eyes → "think Black" (Forehead, between eyes) and yawn if you like
- Relax there is no need to try and sleep
- When alarm sounds → GET UP !!