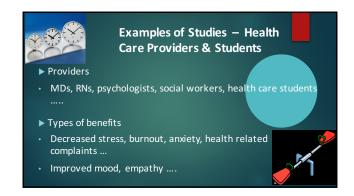
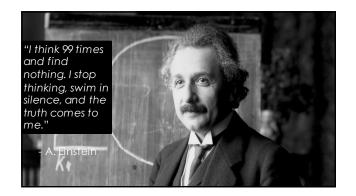


Examples of Studies - A Variety of Health
Conditions

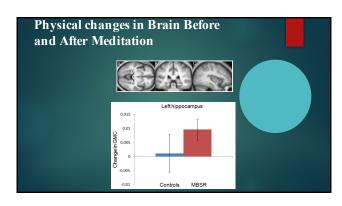
Depression aside from PTSD
Anxiety and mood
PTDS
Blood pressure (?)
Cognitive decline
Insomnia
Pain











Effects of stress and meditation on the neuro-immune system, epigenetics and human microbiota. Househam, 2017
 Histone deacetylases and inflammatory gene expression. Kaliman, 2014
 Methylation of FKBP5 and SLC6A4 with mindfulness meditation for posttraumatic stress disorder. Bishop 2018

Histone Deacetylase and Inflammatory Genes in Experienced Meditators. Kaliman et al, 2014

▶ Compared Meditators (n=19) to Non-meditators (n=21)

▶ Meditators: day immersion in mindfulness

▶ Non-meditators: day of leisure activities (e.g., quiet time, reading, no internet)

▶ Outcomes

▶ Regulatory and inflammatory genes; Cortisol response to stress (Trier Stress Test)

▶ Results

▶ Similar baseline gene expression levels in the two groups

▶ Alteration of some gene expression at the end of the day in meditators compared with controls

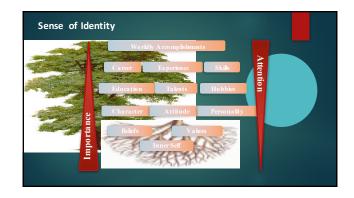
▶ Expression of two genes was associated with a faster cortisol recovery to the TSST in both groups



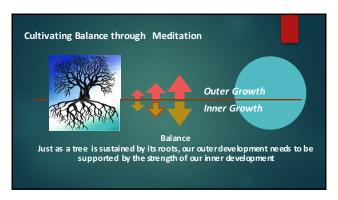


Perceptions of Our Own
Time Management and Life
Balance

How do you operationalize time management?
What do you do when there's too much to do/when you are overwhelmed?
How do you prioritize?
How well do you meet your deadlines?
How would you rate your work - life balance?
How resilient are you?



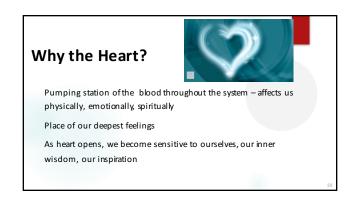






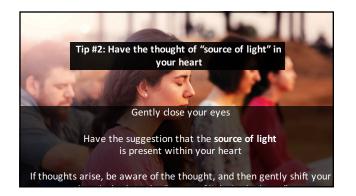


## What Happens During Heartfulness Guided Relaxation and Meditation? • From beta (wakefulness) to alpha (state of relaxation). • With time, slip into a delta state, (associated with deep sleep). • Both alpha and delta have rejuvenation benefits associated with these brain waves forms. From CN Reddy et al, manuscript in preparation

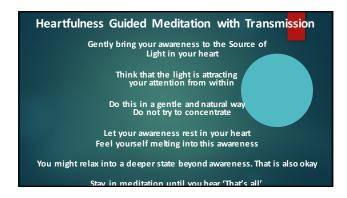


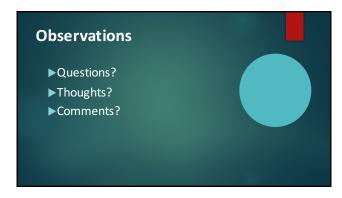






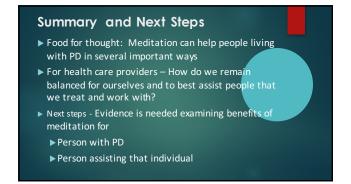


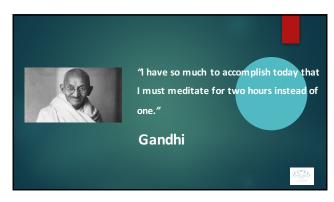


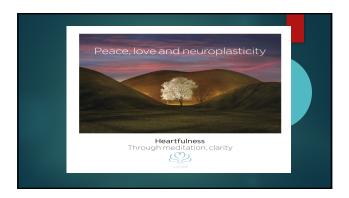


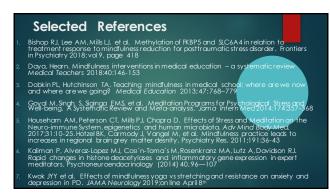












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9. Lazor SW, Kert CE. Wasseman RH, et al. Meditation experience is associated with increased conficulation of the confidence of the con