

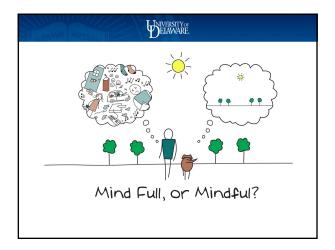


#### What is Mindfulness?



"The awareness that emerges through paying attention on purpose, in the present moment, and nonjudgmentally to the unfolding of experience moment by moment."

- Jon Kabat-Zinn



# ΨNIVERSITY OF ELAWARE.

# Okay... but really...

- · Mindfulness as part of large number of contemplative practices:
  - Family of complex psychophysiological regulatory training regimes developed for various ends
  - Directing and regulating attention considered inherent parts of different contemplative techniques
  - Thought to lead to physical and mental relaxation, stress reduction, psycho-emotional stability and enhanced concentration.

Lutz et al., 2008

# WIVERSITY OF ELAWARE

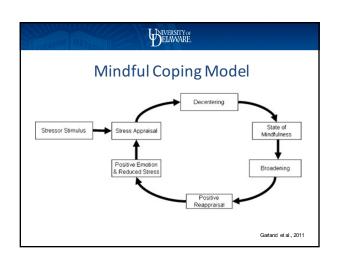
### **Categories of Contemplative Practice**

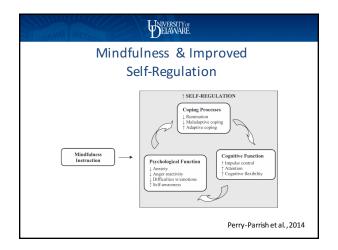
- 4 broad categories:
  - 1. Focused attention [concentration]
  - 2. Open monitoring [mindfulness]
  - 3. Mind-body [yoga, qigong]
  - 4. Relational [compassion, loving-kindness

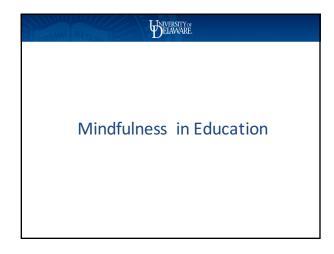


- O **Observe** the sensations happening in your body
- B Breath, focus on your breathing
- E Expand awareness to include environment
- R Respond mindfully

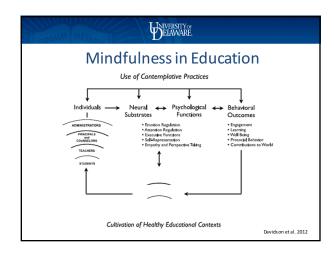
Bowen et al., 2011

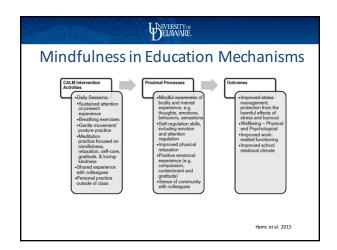




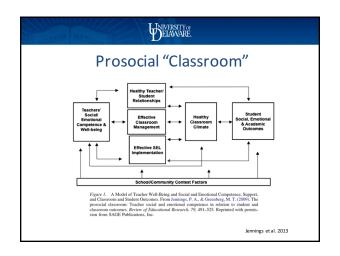


# Mindfulness in Education Contemplative practices emerged from wisdom traditions Use in contemporary public educational settings rooted in scientific evidence-based approach. Ideas drawn from contemplative practices improve: Regulation of attention, emotion, motivation, social cognition, and behavior Highlight set of mental skills and socioemotional dispositions central to aims of education in 21st century



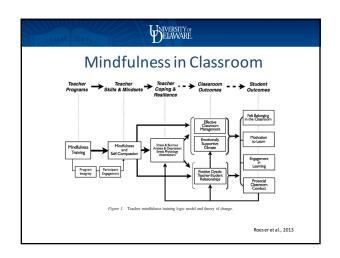


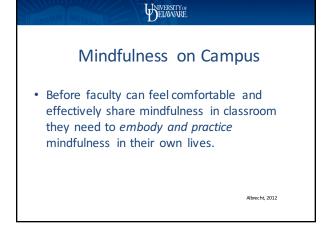


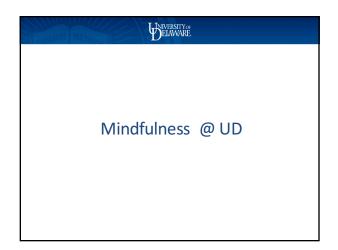


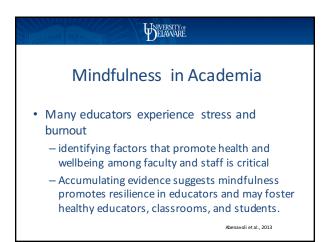


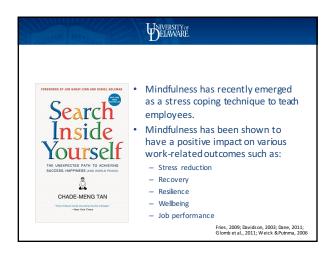






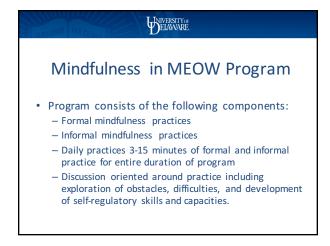


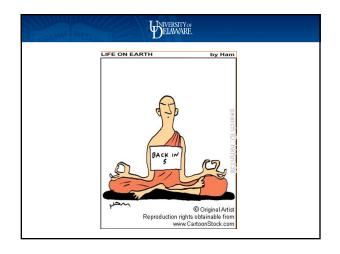




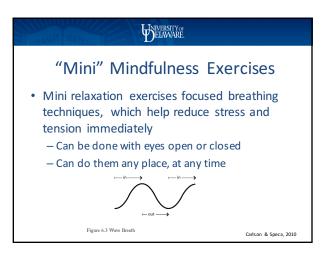








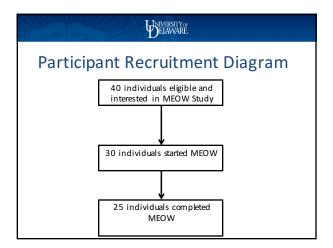




# Wiversity of ELAWARE.

# SOBER / GRACE in Difficult Situations

- Defining difficult situations/individuals and identifying automatic patterns of reactivity:
  - What are some difficult situations-people for you
  - How might mindfulness practice help?



# WIVERSITY OF ELAWARE.

#### **Procedures**

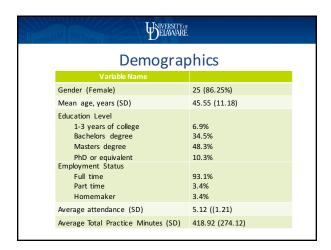
- Participants attended program sessions once per week for six weeks in evenings for one hour each time.
  - Trained health professional with extensive training in mindfulness-based therapies for health and wellness instructed the class.
  - Clinical research coordinator also present at each class.

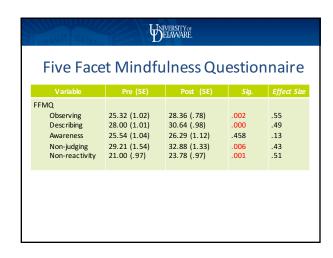
#### WIVERSITY OF ELAWARE.

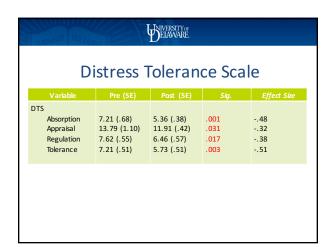
#### **Measures**

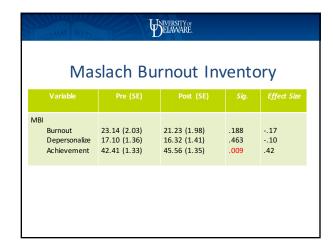
- Demographics
- Pre / post
  - Five Facet Mindfulness Questionnaire (FFMQ)
  - Distress Tolerance Scale (DTS)
  - Maslach Burnout Inventory (MBI)
- Weekly attendance
- · Weekly practice logs

Baer et al., 2006; Maslach, Jackson, & Leiter, 1997; Simons & Gaher, 2005

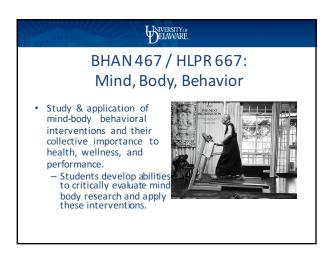








Participants had increases in mindful behaviors, increase in personal achievement, and decrease in distress.
 Suggests feasibility of focusing on practical mindfulness techniques faculty and staff can incorporate into daily lives.
 Highlights development of relatively short intervention that can be implemented in a university setting.





#### **Course Objectives**

- By end of semester students should be able to:
- Broadly define stress and recovery from a psychophysiological perspective
- Explain role of mind-body in behavior change both in daily life and for performance enhancement.
- Critically evaluate mind-body research and apply from a pragmatic perspective.
- 4. Asses stress and recovery via psychological (psychometric instruments) and physiological (various heart rate indices) means.
- 5. Use variety of different mind-body techniques to aid in recovery.
- 6. Prescribe a mind-body program based on individual needs.





#### I Can Be Mindful 2.0

- Camp for 4 to 7 year olds:
  - Focus on teaching children about their brain, how it operates and things they can do to strengthen the "control center for their body"
  - Children will learn strategies that can be used to "slow down their minds and bodies" in order to pay attention in a more systematic way

# WNIVERSITY OF PELAWARE

#### **Programmatic Goal**

- Young children across all types of diversity have intrinsic desire to make sense of their world
  - Programmatic goal of "I can be mindful" is to support children in mindful learning and exploration.



# **Guiding Questions**

- In what ways can an integrated mindful environment facilitate learning and cultivate awareness?
  - What does a mindful environment look like?
- How can mindfulness in early learning environments foster social-ecological communities between children, their teachers and families?
- What other types of environment-centered approaches to early learning intersect with mindfulness?

WIVERSITY OF ELAWARE

# Practicing Safety Mindfulness for Mothers in Drug Treatment (PSMDT)

- Women with substance use disorders report high levels of depression and anxiety, parenting stress, and adverse childhood exposures.
- Mindfulness-Base d Parenting (MBP) for Mothers in Drug
  Treatment is a United States Department of Health and Human
  Services (USDHHS)-funded project intended to improve
  parenting responsiveness among pregnant and parenting
  women in treatment for opioid dependence.

   MBP is intended to mitigate parental stress by teaching parents to
  - MBP is intended to mitigate parental stress by teaching parents to be present with their children when interacting, while simultaneously highlighting non-judgment, self-compassion, selfregulation, and emotional awareness.







# **Applications**

- Different contemplative practices produce different effects
  - No single best type of contemplative practice will work all of the time for every purpose.
- Several different contemplative practices may produce calming of mind and relaxation of body.
  - For each individual, one or two techniques will emerge as most helpful
- Familiarity with several techniques will help person find those that match his or her needs and available time.

McGrady, 200



# Resources: Mindfulness Programs

- Mindfulness Institute, Thomas Jefferson University Hospitals
  - Mindfulness program is modeled after the MBSR program developed by Jon-Kabat Zinn at the University of Massachusetts Medical Center.
- Penn Program for Mindfulness, Penn Medicine
  - Penn Program for Mindfulness provides powerful tools for coping and personal growth.
  - Combines cognitive science with ancient mindfulness techniques.

# WIVERSITY OF ELAWARE

# Resources: Audio Recordings

- Center for Mindfulness at the University of California San Diego
  - UCSD Center for Mindfulness has prepared a number of practices available on the website in MP3 format.
- Mindful Awareness Research Center at the University of California Los Angeles
  - This website also has different MP3s

# VIVERSITY OF ELAWARE

#### Resources: Mindfulness Apps

- Calm
- · Stop, Breathe, & Think
- Mindfulness Daily
- Headspace Meditation
- Settle Your Glitter
- Breathing Bubbles
- · Insight Timer



