Make Your Move

Opportunities to Increase Exercise and Reduce Stress Every Day

Lynn Herrmann, PhD, MPH

New Physical Activity Guidelines:

"Move Your Way"

Focus on feeling: Less stress, better mood, better sleep (rested)

https://health.gov/moveyourway/#adults

Stop sedentary time

Standing is mildly better than sitting.

The goal should be <u>interrupted</u> sitting.¹

Move 3 minutes for every 30 minutes sedentary.²

Stress...how movement helps

- Not just yoga!
- Cardio & strength too
 - Goal: ↑heart rate
- Immediate benefits of exercise³
 - anxiety
 - ▶ blood pressure
 - **†** insulin sensitivity
 - 7 sleep

Exercise & Stress⁴

• ndorphin & endocannabinoid production⁸

pleasant euphoric effect "runner's high"

- concentration, focus

"Meditation in motion"

"Meditation in motion"

Exercise \(\neq \) stressful

Exercise = enjoyable

- Sedentary → stress & poor mood
- Active → less stress & better mood
- Active & mindful → even less stress & better mood

Study: Correlation between mindfulness & movement⁵

- 1 month, 8x, 30 mins
- Focus: breath, steps, emotions, sensations
- 7 mindfulness
- ✓ feelings of anxiety

Study: Mindful outdoor walking⁶

I will workout 3 times this week.

I'll work out later.

On a typical day...
where can you add
mindful movement
in the moment?

Start first thing in the morning!

https://www.prevention.com/fitness/g20490060/do-these-stretches-before-getting-out-of-bed/

Listen to your body

An ache in your neck? Stretch

Hear a song you like?

Dance

Beautiful day outside? Walk

- Stand/walk during ordinarily sedentary times
- Walk around your house/outside while on your phone
- House/yardwork* in Move Your Way
- Multi-story office/house, use a restroom on a different floor
- Put movement reminders throughout your office/house
- Move according to the seasons
- Avoid drive-thrus, convenience parking
- Listen to an audiobook while you move
- As you clean, add in basic exercises

Be an opportunist

- No external weight required
- Use own body weight
- Wall sit, plank off wall, chair, quadruped leg lift

A note on resistance training

Move Your Way: Tips for Busy

https://www.youtube.com/watch?v=6 1p1OIO20wk&feature=youtu.be

End with movement

https://www.prevention.com/fitness/g20490060/do-these-stretches-before-getting-out-of-bed/

Reduce Stress and Move at the same time!

Visualize - Lengthen

- Rag doll
- Take off backpack
- Tree in the wind arms
 - add shifting legs
- Bow & arrow
- Light bulbs

Reduce Stress and Move...at the same time!

Planes of movement - Exercise

- Toe taps forward, arm swing side, add rotation
- Staggered stance rock & side reach
- Side lunge & reach, add rotation
- Squat wide pulse 3x & starburst

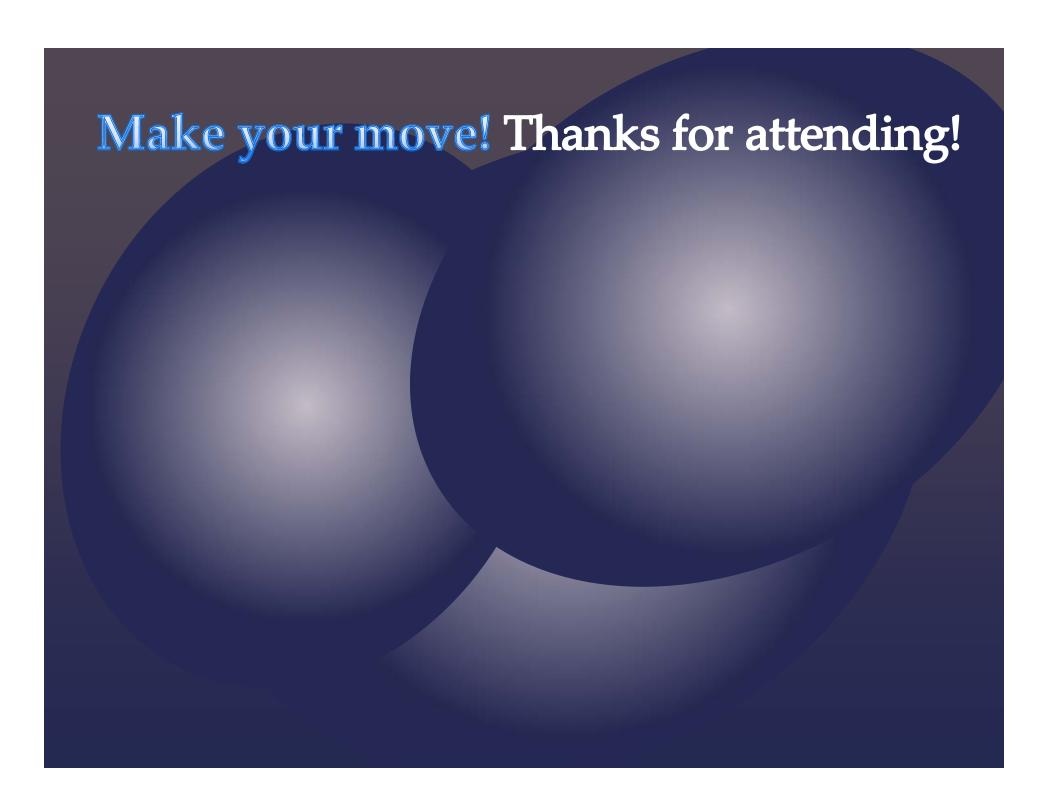
Reduce Stress and Move...at the same time!

- Tracking Focus
 - Look at finger tips
 - Add balance (shift weight)

In Summary

 Move <u>throughout</u> the day for better health and improved quality of life.

- <u>150 minutes moderate</u> or <u>75 minutes</u> <u>vigorous</u> activity over the course of a week plus <u>resistance training 2x/week</u>⁷
- Reduce stress through movement



- 1. Júdice PB, Hamilton MT, Sardinha LB, Zderic TW, Silva AM. What is the metabolic and energy cost of sitting, standing and sit/stand transitions? Eur J Appl Physiol. 2016 Feb;116(2):263-73.
- 2. Dempsey, P.A., Larsen, R.N., Sethi, P. et al. (2016). Benefits for type 2 diabetes of interrupting prolonged sitting with brief bouts of light walking or simple resistance activities. Diabetes Care, 39, 964-972.
- 3. https://health.gov/paguidelines/second-edition/10things/
- 4. https://www.mayoclinic.org/healthy-lifestyle/stress-management/in-depth/exercise-and-stress/art-20044469
- 5. Chih-Hsiang Yang, David E. Conroy. Momentary negative affect is lower during mindful movement than while sitting: An experience sampling study. Psychology of Sport and Exercise, 2018; 37: 109 DOI: 10.1016/j.psychsport.2018.05.003
- 6. Yang, C. H., & Conroy, D. E. (2019). Feasibility of an outdoor mindful walking program for reducing negative affect in older adults. Journal of Aging and Physical Activity, 27(1), 18-27. https://doi.org/10.1123/japa.2017-0390
- 7. Exercise recommendations CDC https://www.cdc.gov/cancer/dcpc/prevention/policies_practices/physical_activity/guidelines.htm
- 8. Understanding Exercise and Its Psychophysiological Effects, Chapter 3 of Psychology of Health and Fitness: Applications for Behavior Change. F.A. Davis Company.

References