

Mind-Body Practices for the Health and Well-Being of Health Care Providers Anne Haskins, PhD, OTR/L, Wanda Lauer, OTD, OTR/L, & Michelle Montgomery, MSW

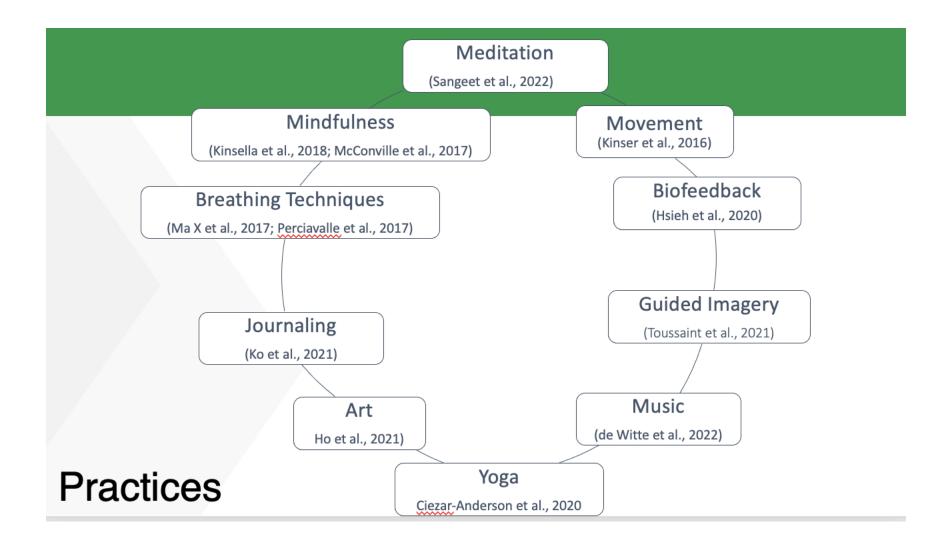
Objectives:

- 1. Identify the psychological, cognitive & physical benefits of engaging in mind-body practices (such as mindfulness, yoga, meditation, etc.);
- 2. Engage in a meditative exercise to experience the benefits of mind-body practices;
- 3. Consider how mind-body practices might positively influence their health and wellness as a health care provider.

Background & Need

- Healthcare is experiencing unprecedented levels of burnout (Murthy, 2022)
- Rural health workers are particularly vulnerable to burnout, emotional stress, and extreme staff shortages (Behea et al., 2020; Terry & Woo, 2021).
- Students in healthcare are also experiencing a rise in anxiety, depression, and associated conditions (McConville et al., 2017; Murthy, 2022).
- Impacts of burnout affects the healthcare workers, patients, the overall system, and the community and society (Murthy, 2022).

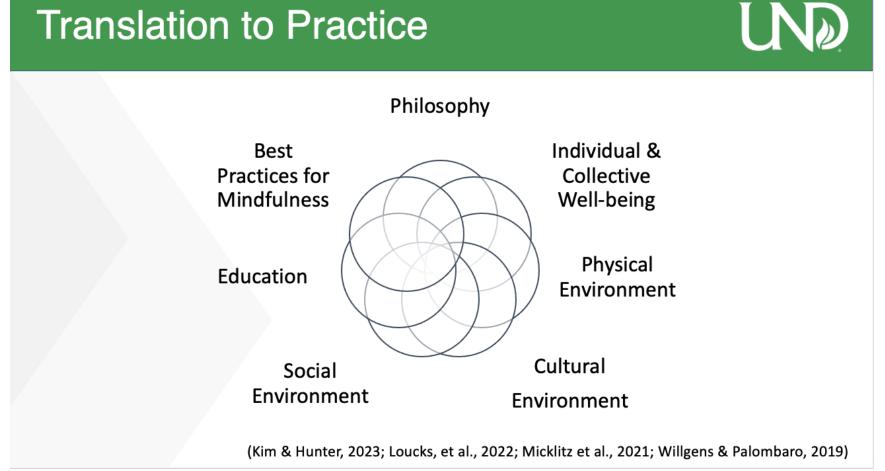






AKOTA 🖡 Mind-Body Practice Practices for...HealthCare providers, Haskins, Lauer & Montgomery, 2024

Translation to Practice





Mind-Body Practice Practices for...HealthCare providers, Haskins, Lauer & Montgomery, 2024

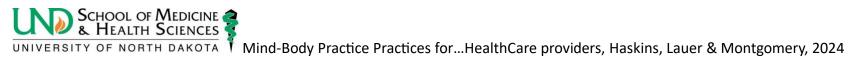
Mind-Body Practice Resources

Sidenote, these are resources used by Anne Haskins, Wanda Lauer and Michelle Montgomery. We are not promoting these as there are many, many venues and ways to practice mindfulness and meditation. Our intention is simply to share what one or both of us have read, used and/or listened to as part of our practice.

Books	Jon Kabat Zinn (See reference page); Neurodharma (Rick Hanson)
	The Wisdom of No Escape (Pema Chödrön)
	Radical Acceptance; Trust the Gold (Tara Brach)
-	The Power of Now; New Earth (Eckhart Tolle)
	Thich Nhat Hanh (long list of mindful walking, eating, doing books)
Apps	Insight Timer
	Head Space
-	Calm
-	Plum Village (*The origin of this one is a Buddhist monastery in France)
Podcasts	Tara Brach (includes talks and meditations)
	10% Happier
-	Metta Hour Podcast - Sharon Salzberg
-	The Mindful Minute

Meditation Teachers to consider: Tara Brach, Sharon Zalzberg, Jon Kabat-Zinn, Joseph Goldstein, Jack Kornfield, Thich Nhat Hanh (post-humous), Pema Chödrön, Sebene Selassie, Deepak Chopra, George Mumford, John Siddique, and more

Practice Tips 1	Ways to breathe
	5-4-3-2-1 Method (Suarez-Angelia, 2022); 3-minute break, 5 finger break (Kim & Hunter, 2023)
	Stop.Take a breath.Observe.Proceed. (Goldstein, 2018)
	Anchoring breath; anchor to outside (Kim & Hunter, 2023)
	Increased practice time = increased benefits (Kral et al., 2019)
	Can engage in mindfulness in every day tasks at work, home and during leisure (Thich Nhat Hahn, 2014)
Researchers & Programs	Mindfulness Based Stress Reduction & Center for Mindfulness in Medicine, Health Care and Society by Jon Kabat-Zinn; Professor of Medicine Emeritus at the University of Massachusetts Medical School
	Richard Davidson, William James and Vilas Professor of Psychology and Psychiatry at the University of Wisconsin–Madison and the Founder and Director of the Center for Healthy Minds
	Mindfulness Ambassador Program by Mindfulness Without Borders & the Global Minds Collective (*must be certified)



References for Mind-Body Practices for the Health and Well-Being of Health Care Providers

- Bethea, A., Samanta, D., Kali, M., Lucente, F.C. & Richmond, B.K. (2020). The impact of burnout syndrome on practitioners working within rural healthcare systems. *American Journal of Emergency Medicine*, *38*(3), 582-588. doi:10.1016/j.ajem.2019.07.009
- Ciezar-Anderson, S., Hayden, K., King-Shier, K. (2021). A systematic review of yoga interventions for helping health professionals and students. *Complementary Therapies in Medicine*, *58*, https://doi.org/10.1016/j.ctim.2021.102704
- Davidson, R.J. & Kaszniak, A.W. (2015). Conceptual and methodological issues in research on mindfulness and meditation. *American Psychology*, *70*(7), 581-592. Doi: 10.1037/a0039512.
- de Witte, M., Pinho, A., Stams, G. J., Moonen, X., Bos, A. E. R., & van Hooren, S. (2022). Music therapy for stress reduction: A systematic review and meta-analysis. *Health Psychology Review*, *16*(1), 134–159. https://doi.org/10.1080/17437199.2020.1846580
- Goldstein, (2018). *The S.T.O.P. practice for stress.* Mindful: Healthy mind, healthy life. https://www.mindful.org/the-s-t-o-p-practice-for-stress/
- Gomutbutra, P. et al. (2022). Effect of intensive weekend mindfulness-based intervention on BDNF, mitochondria function, and anxiety. A randomized crossover clinical trial. *Comprehensive Psychoneuroendocrinology*, 11, 1-8. https://doi.org/10.1016/j.cpnec.2022.100137
- Hanh, T.N. (2014). *How to sit.* Parallax Press.
- Hanson, R. (2020). Neuro dharma *New science, ancient wisdom, and seven practices of the highest happiness*. Harmony Books.
- Ho, A.H.Y., Tan-Ho, G., Ngo, T. A., Ong, G., Chong, P.H., Dignadice, D., Potash, J. (2021). A novel mindful-compassion art-based therapy for reducing burnout and promoting resilience among healthcare workers: Findings from a waitlist randomized control trial. *Frontiers in Psychology*,20(12). https://doi.org/10.3389/fpsyg.2021.744443
- Hsieh H-F, Huang I-C, Liu Y, Chen W-L, Lee Y-W, Hsu H-T. (2020). The effects of biofeedback training and smartphone: Delivered biofeedback training on resilience, occupational stress, and depressive symptoms among abused psychiatric nurses. *International Journal* of Environmental Research and Public Health.17(8):2905. https://doi.org/10.3390/ijerph17082905
- Kabat-Zinn, J. (1990). Full catastrophe living: The program of the stress reduction clinic at the University of Massachusetts Medical Center. Delta, Random House Publishing Group.
- Kim, S. & Hunter, S. (2023). Can brief online mindfulness programs mitigate healthcare workers' burnout amid the COVID-19 Pandemic? *Mindfulness, 14,* 1930-1939. Doi: https://doiorg.ezproxylr.med.und.edu/10.1007/s12671-023-02175-8
- Kinsella, E.A., Smith, K., Bhanji, S., Shepley, R. Modor, A. U Bertrim, A. (2020). Mindfulness in allied health and social care professional education: A scoping review. *Disability and Rehabilitation*, 42(2), 283–295 https://doi.org/10.1080/09638288.2018.1496150
- Kinser, P., Braun, S., Deeb, G., Carrico, C. & Dow, A. (2016). "Awareness is the first step": An



UNIVERSITY OF NORTH DAKOTA T Mind-Body Practice Practices for...HealthCare providers, Haskins, Lauer & Montgomery, 2024 interprofessional course on mindfulness and mindful movement for healthcare professionals and students. *Complementary Therapies in Clinical Practice, 25,* 18-25.https://doi.org/10.1016/j.ctcp.2016.08.003

- Ko H., Kim S., & Kim E. (2021. Nursing students' experiences of gratitude journaling during the COVID-19 pandemic. *Healthcare*, *9*(11), 1473. https://doi.org/10.3390/healthcare9111473
- Loucks, E.B., Crane, R.S., Sanghvi, M.A., Monero-Marin, J., Proulx, J., Brewer, J.A., & Kuyken, W. (2022). Mindfulness-based programs: Why, when and how to adapt? *Global Advances in Health and Medicine*, *11*, 1-12.
- Ma X., Yue, Z.Q., Gong, Z.Q., Zhang, H., Duan, H. Y., Shi, Y.T., Wei, G.X., Li, Y.F. (2017). The effect of diaphragmatic breathing on attention, negative affect, and stress in healthy adults. *Frontier in Psychology*, *6*(8). https://doi.org/10.3389/fpsyg.2017.00874
- McConville, J., McAleer, R., & Hahne, A. (2017). Mindfulness training for health profession students – The effect of mindfulness training on psychological well-being, learning and clinical performance of health professional students: A systematic review of randomized and non-randomized controlled trials. *Explore*, 13(1), 26-45. http://dx.doi.org/10.1016/j.explore.2016.10.002
- Memorial Sloan Kettering Cancer Center. (n.d.). About mind body therapies. https://www.mskcc.org/cancer-care/diagnosis-treatment/symptommanagement/integrative-medicine/mind-body
- Micklitz K, Wong G, Howick J. (2021). Mindfulness-based programmes to reduce stress and enhance well-being at work: a realist review. *BMJ Open,11*, e043525. doi:10.1136/ bmjopen-2020-043525
- Murthy, V.H. (2022). Addressing health worker burnout: The U.S. Surgeon General's advisory on building a thriving healthy workforce. https://www.hhs.gov/sites/default/files/health-worker-wellbeing-advisory.pdf
- Ofei-Dodoo, S., Cleland-Leighton, A., Nilsen, K., Cloward, J. & Casey, E. (2020). Impact of a mindfulness-based, workplace group yoga intervention on burnout, self-care, and compassion in health care professionals. *Journal of Occupational and Environmental Medicine, 62* (8), 581-587. doi: 10.1097/JOM.00000000001892.
- Perciavalle, V., Blandini, M., Fecarotta, P., Buscemi, A., Di Corrado, D., Bertolo, L., Fichera, F., Coco, M. (2017. The role of deep breathing on stress. *Neurological Sciences, 38*(3), 451-458. https://doi.org/10.1007/s10072-016-2790-8
- Sangeeta P. J., An-Kwok I. W., Brucker, A., Ardito, T. A., Chow, S. C., Vaishnavi, S., Lee, P.J. (2022). Efficacy of transcendental meditation to reduce stress among health care workers: A randomized clinical trial. *JAMA Network Open*, 5(9). doi: 10.1001/jamanetworkopen.2022.31917
- Stew, G. (2011) Mindfulness training for occupational therapy students. *British Journal of Occupational Therapy*, 74(6), 269-276. DOI: 10.4276/030802211X13074383957869
- Suarez-Angelina, L. (2022, July 6). What is the 5 senses grounding technique? Choosing Therapy. https://www.choosingtherapy.com/54321-method/
- Terry, D.L. & Woo, M.J. (2020). Burnout, job satisfaction, and work-family conflict among rural



UNIVERSITY OF NORTH DAKOTA I Mind-Body Practice Practices for...HealthCare providers, Haskins, Lauer & Montgomery, 2024 medical providers. Psychology, *Health & Medicine, 26*(2), 196-203. https://doi.org/10.1080/13548506.2020.1750663

Van Bilsen, Henck. (2009). Zee Beatty and the Socks of Doom. IAPT Consulting.

Varyney, R. (n.d.). Project7 Mindfulness Pledge©. https://project7pledge.com/blog/p7p

- Willgens, A. & Palombaro, K. (2019). A mindfulness workshop for health science graduate students: Preliminary evidence for lasting impact on clinical performance. *Journal of Physical Therapy Education*, 33(2), 144-151.
- Yang, J. Tang, S. & Zhou, W. (2018). Effect of mindfulness-based stress reduction therapy on work stress and mental health of psychiatric nurses. *Psychiatria Danubina*, 30(2), 189-196. https://doi.org/10.24869/psyd.2018.189



UNIVERSITY OF NORTH DAKOTA T Mind-Body Practice Practices for...HealthCare providers,