Bibliography

Trainer Day Session 1 – Universal Design for Learning (UDL): Using Inclusive Design to Reduce Barriers to Learning Zach Petrea, EdD

- Alferink, L. & Farmer-Dougan, V. (2010). Brain-(not) based education: Dangers of misunderstanding and misapplication of neuroscience research. *Exceptionality*, 18, 42-52.
- Corballis, M. C. (2014). Left brain, right brain: facts and fantasies. *PLoS Biology*, 12(1), e1001767. https://doi.org/10.1371/journal.pbio.1001767
- Croizet, J-C., Désert, M., Dutrévis, M. & Leyens, J-P. (2001). Stereotype threat, social class, Gender, and academic underachievement: When our reputation catches up to us and Takes over. *Social Psychology of Education*. *4*, 295-310. 10.1023/A:1011336821053.
- DeLamater, W. (2010, April 29). How larger font size impacts reading and the implications for educational use of digital text readers. Ereadia. Retrieved 1 November 2021 from https://www.ereadia.com/research/How_Larger_Font_Size_Affects_Reading.pdf
- Fauth, F. & González-Martínez, J. (2021). Trainee Perceptions of Instructional Design in Continuous Online Training and Learning Transfer, *Education Research International*, 1, 1-12. https://doi.org/10.1155/2021/3121559
- Finn, E. S., Shen, X., Holahan, J. M., Scheinost, D., Lacadie, C., Papademetris, X., &

 Constable, R. T. (2014). Disruption of functional networks in dyslexia: a whole-brain,

 data-driven analysis of connectivity. *Biological Psychiatry*, 76(5), 397-404.
- Friedman, J. (2021, May 21). Common elements of effective screencasts. XChanges, 7(1).

- Retrieved 1 November 2021 from http://www.xchanges.org/common-elements-of-effective-screencasts
- Gezer-Templeton, P. G., Mayhew, E. J., Korte, D. S. & Schmidt, S. J. (2017). Use of exam

 Wrappers to enhance students' metacognitive skills in a large introductory food

 Science and human nutrition course. *Journal of Food Science Education*, 16(1), 2836. doi:10.1111/1541-4329.12103
- Gruenbaum, E. (2012). Common literacy struggles with college students: using the reciprocal Teaching technique. *Journal of College Reading and Learning*, 42(2), 110-116. https://files.eric.ed.gov/fulltext/EJ972863.pdf
- Help students to learn from returned tests (2017). Duquesne University. Retrieved 1

 November 2021 from http://www.duq.edu/about/centers-and-institutes/center-for-teaching-excellence/teaching-and-learning/exam-wrappers
- Hommel, D. (2022, May 25). Aspiring to create learning experiences students remember.

 Faculty Focus. Retrieved 23 April 2024 from

 https://www.facultyfocus.com/articles/effective-classroom-management/aspiring-to-create-learning-experiences-students-remember/
- Howard-Jones, P. (2007). Neuroscience and Education: Issues and Opportunities. The

 Teaching and Learning Research Programme. London: U of London. Retrieved 1

 November 2021 from

 http://www.tlrp.org/pub/documents/Neuroscience%20Commentary%20FINAL.pdf
- Howard-Jones, P., Ott, M., van Leeuwen, T., De Smedt, B. (2010). Neuroscience and technology enhanced learning. Futurelab. Retrieved 1 November 2021 from

- https://www.nfer.ac.uk/media/trgbcodc/neuroscience and technology enhanced lear ning.pdf
- Hu, L., Chen, G., Li, P., & Huang, J. (2021). Multimedia effect in problem solving: A metaanalysis. *Educational Psychology Review*, 33, 1717–1747. https://doi.org/10.1007/s10648-021-09610-z
- Kirschner, P. A. (2017). Stop propagating the learning styles myth. *Computers & Education*, 106, 166-171.
- König, S., Stang-Rabrig, J., Hannover, B. et. al. (2023). Stereotype threat in learning situations? An investigation among language minority students. *European Journal of Psychology of Educ*ation 38, 841–864.

 https://doi.org/10.1007/s10212-022-00618-9
- Leu, C. (2015, October 12) scientists can now predict intelligence from brain activity.

 Wired. Retrieved 1 November 2021 from http://www.wired.com/2015/10/scientists-can-now-predict-intelligence-brain-activity/
- Loch, B. & McLoughlin, C. (2011). An instructional design model for screencasting:

 Engaging students in self-regulated learning. *Proceedings Ascilite 2011 Hobart:*Concise Paper, 816-822.
- Mayer, R. (2003) The promise of multimedia learning: using the same instructional design methods across different media. *Learning and Instruction*, 13, 125.
- McManus, C. (2019). Half a century of handedness research: Myths, truths; fictions, facts; backwards, but mostly forwards. *Brain and neuroscience advances*, 6(3), 2398212818820513. doi: 10.1177/2398212818820513.

- Murray, M., Pérez, J., Geist, D., & Hedrick, A. (2013). Student Interaction with Content in Online and Hybrid Courses: Leading Horses to the Proverbial Water. *Informing Science: The International Journal of an Emerging Transdiscipline*, 16, 99-115.
- 'Neurotypical' in Context (2013) POV documentary. Retrieved 13 April 2022 from

 https://www.pbs.org/pov/neurotypical/photo-gallery-in-context/?photo=2#.U-BvqVbT7wl
- Newton, P. M. (2015). The learning styles myth is thriving in higher education. *Frontiers in psychology*, 6, 1908. doi: 10.3389/fpsyg.2015.01908
- Oehrli, J., Piacentine, J., Peters, A., & Nanamaker, B. (2011). Do screencasts really work?

 Assessing Student Learning through Instructional Screencasts. Association of

 College & Research Libraries. 127-144.

 http://www.ala.org/acrl/sites/ala.org.acrl/files/content/conferences/confsandpreconfs/

 national/2011/papers/do screencasts work.pdf
- Pennington, M. (n.d.) Defining diversity, equity, and inclusion. University Library, American

 University. Retrieved 13 April 2022 from

 https://subjectguides.library.american.edu/c.php?g=1025915&p=7715533
- Picho-Kiroga, K., Turnbull, A., & Rodriguez-Leahy, A. (2021). Stereotype threat and its problems: Theory misspecification in research, consequences, and remedies.

 Journal of Advanced Academics, 32(2), 231-264.

 https://doi.org/10.1177/1932202X20986161
- Pogue, D. (2024, March 10). Read all about it: The popularity of turning captions on. CBS

- News. Retrieved 23 April 2024 from https://www.cbsnews.com/news/subtitles-why-most-people-turn-tv-captions-on/
- Posner, M. I., & Raichle, M. E. (1994). *Images of Mind*. New York: Scientific American Library. Rhys, R. (n.d.) Stereotype threat: An overview. University of Michigan. Retrieved 13 April 2022 from https://dept.math.lsa.umich.edu/~jchw//StroessnerGood.pdf
- Riener, C., & Willingham, D. (2010). The myth of learning styles. *Change: The Magazine of Higher Learning*, 42(5), 32-35.
- Robison, J. (2013, October 7) What is neurodiversity? *Psychology Today*. Retrieved 13 April 2022 from https://www.psychologytoday.com/us/blog/my-life-with-spergers/201310/what-is-neurodiversity
- Rose, D. H., Meyer, A., & Hitchcock, C. (2005). *The universally designed classroom:*accessible Curriculum and digital technologies. Cambridge, MA: Harvard Education

 Press.
- Saygin, Z., Norton, E., Osher, D., Beach, S., Cyr, A., Ozernov-Palchik, O., Yendiki, A., Fischl, B., Gaab, N. & Gabrieli, J. (2013). Tracking the roots of reading ability: white matter Volume and integrity correlate with phonological awareness in prereading and early-reading kindergarten children. *The Journal of neuroscience: the official journal of the Society for Neuroscience*. 33, 13251-8. 10.1523/JNEUROSCI.4383-12.2013
- Schneps, M.H., Thomson, J.M., Chen, C., Sonnert, G., & Pomplun, M. (2013) E-readers are more effective than paper for some with dyslexia. *PLoS ONE*, 8(9), e75634. https://doi.org/10.1371/journal.pone.0075634

- The seven principles of universal design (2015, November 24). Interaction Design

 Foundation IxDF. Retrieved 13 April 2022 from https://www.interaction-esign.org/literature/article/the-seven-principles-of-universal-design
- Shaywitz, S. (2005) Overcoming Dyslexia: A New and Complete Science-Based Program for Reading Problems at Any Level. Vintage Paperback.
- Shin, D. D., Lee, M., & Bong, M. (2022). Beyond left and right: Learning is a whole-brain process. *Theory into Practice*, 61(3), 347-357.
- Silberman, S. (16 April 2013). Neurodiversity rewires conventional thinking about brains.

 Wired. Retrieved 13 April 2022 from https://www.wired.com/2013/04/neurodiversity/
- Soicher, R. N., & Gurung, R. A. R. (2016). Do exam wrappers increase metacognition and Performance? A single course intervention. *Psychology Learning & Teaching*, 16(1), 64-73. https://doi.org/10.1177/1475725716661872
- Steiner, C. (1990) scripts people live: transactional analysis of life scripts. Grove Press.
- Sugar, W., Brown, A., & Luterbach, K. (2010). Examining the anatomy of a screencast:

 Uncovering common elements and instructional strategies. *The International*Review of Research in Open and Distributed Learning. Retrieved 13 April 2022 from http://www.irrodl.org/index.php/irrodl/article/view/851/1594
- Tollefson, N. (2000). Classroom applications of cognitive theories of motivation. *Educational Psychology Review, 12*(1), 63-83.
- Traphagan, T., Kucsera, J., & Kishi, K. (2010). Impact of class lecture webcasting on attendance and learning. *Educational Technology Research and Development*, 58(1), 19-37.

Wolf, M. (2008). *Proust and the squid: The story and science of the reading brain*. Harper Perennial.