

Hollylynn S. Lee
Cherry Award 2022 Finalist
Data Moves and Discourse:
Design Principles for Strengthening Statistics Education

URLs to Use During Presentation

1. Warmup Question
[menti.com](https://www.menti.com) use code: 2845 5209
2. Explore City Restaurant Data
tinyurl.com/eatdata
3. Explore Roller Coaster Data
tinyurl.com/TXcoasters2020

Other Resources Mentioned

- HI-RiSE: Hub for Research and Innovation in Statistics Education
fi.ncsu.edu/teams/hirise
- Free Online Professional Learning at the Friday Institute place.fi.ncsu.edu
- ESTEEM: Enhancing Statistics Teacher Education through E-Modules
go.ncsu.edu/esteem
- CODAP: Common Online Data Analysis Platform codap.concord.org
- InSTEP: Invigorating Statistics and Data Science Teaching Through Professional Learning
instepwithdata.org

Sample Related Publications

- Lee, H. S., Mojica, G.F., & Lovett, J.N. (2020). Examining how online professional development impacts teachers' beliefs about teaching statistics. *Online Learning*, 24(1), 5-27. doi.org/10.24059/olj.v24i1.1992
- Hollebrands, K. F., & Lee, H. S. (2020). Effective designs of Massive Open Online Courses for mathematics teachers to support their professional learning. *ZDM Mathematics Education* 52(5), 859-875. doi.org/10.1007/s11858-020-01142-0
- Lee, H. S., Lovett, J. N., & Mojica, G. M. (2018). Designing for educators in a Teaching Statistics MOOC: Design principles and use of multimedia to support participant engagement. In M. A. Sorto, A. White, & L. Guyot (Eds.), *Looking back, looking forward. Proceedings of Tenth International Conference on Teaching Statistics*, Kyoto, Japan icots.info/10/proceedings/pdfs/ICOTS10_9G3.pdf
- Hudson, R., Lee, H. S., Casey, S., Finzer, B., Mojica, G. M., Azmy, C., & Eide, A. (2018). Designing e-modules to support preservice mathematics teachers' statistical thinking. In M. A. Sorto, A. White, & L. Guyot (Eds.), *Looking back, looking forward. Proceedings of the Tenth International Conference on Teaching Statistics*, Kyoto, Japan. iase-web.org/icots/10/proceedings/pdfs/ICOTS10_9A2.pdf.
- Lee, H. S. (2013). Quantitative reasoning in a digital world: Laying the pebbles for future research frontiers. In R. L. Mayes & L. L. Hatfield (Eds.), *Quantitative Reasoning in Mathematics and Science Education: WISDOM e Monograph #3* (pp. 65-82). Laramie, Wyoming: www.uwyo.edu/wisdome/files/documents/lee.pdf