## **BEING A BETTER ONLINE TEACHER** Dr. Allison Boye, Director, Center for Teaching and Learning

## **Selected Resources and References**

Andrade, H. L., & Du, Y. (2005). Student perspectives on rubric-referenced assessment. *Educational and Counseling Psychology Faculty Scholarship*, 2.

Betts, K. (2009). Lost in translation Freeman, T.M., & Jarvie-Eggart, M.E. (2019). Best practices in promoting facultystudent interaction in online STEM courses. 2019 ASEE Annual Conference & Exposition.

Bork, R. J. H., & Rucks-Ahidiana, Z. (2013). Role ambiguity in online courses: An analysis of student and instructor expectations. Community College Research Center Working Paper No. 64.

Boton, E. C., & Gregory, S. (2015). Minimizing attrition in online degree courses. *Journal of Educators Online*, *12*(1). Retrieved from <u>https://files.eric.ed.gov/fulltext/EJ1051044.pdf</u>

Boye, A. (2021, in press). Guiding learning and assessments through rubrics. *IDEA Papers*. Manhattan, KS: The IDEA Center.

Brookfield, S. D. (2015). *The skillful teacher: On technique, trust, and responsiveness in the classroom*. John Wiley & Sons.

Chen, B., Bastedo, K., & Howard, W. (2018). Exploring Design Elements for Online STEM Courses: Active Learning, Engagement & Assessment Design. *Online Learning*, *22*(2), 59-75.

Dori, Y. J., Tal, R. T., & Tsaushu, M. (2003). Teaching biotechnology through case studies—can we improve higher order thinking skills of nonscience majors?. *Science Education*, *87*(6), 767-793.

Farah, K. (2020, March). 4 tips for teachers shifting to teaching online. *Edutopia*. Retrieved from <u>https://www.edutopia.org/article/4-tips-supporting-learning-home</u>.

Freeman, S., Eddy, S. L., McDonough, M., Smith, M. K., Okoroafor, N., Jordt, H., & Wenderoth, M. P. (2014). Active learning increases student performance in science, engineering, and mathematics. PNAS, 111(23), 8410–8415. Retrieved from http://doi.org/10.1073/pnas.1319030111

Guerrero, M., & Rod, A. B. (2013). Engaging in office hours: A study of student-faculty interaction and academic performance. *Journal of Political Science Education*, *9*(4), 403-416.

Guo, P. J., Kim, J., & Rubin, R. (2014, March). How video production affects student engagement: An empirical study of mooc videos. Proceedings of the first ACM conference on Learning@ scale conference, USA, 41–50. doi:10.1145/2556325.2566239

Hickerson, C. A. and Giglio, M. (2009). Instant messaging between students and faculty: a tool for increasing student-faculty interaction. *International Journal on E-Learning* 8(1): 71 - 88.

Howell, R. J. (2011). Exploring the impact of grading rubrics on academic performance: Findings from a quasiexperimental, pre-post evaluation. *Journal on Excellence in College Teaching*, 22(2), 31-49.

Inman, J., & Myers, S. (2018). Now streaming: Strategies that improve video lectures. IDEA Paper# 68. *IDEA Center*, *Inc*. Retrieved from <u>https://files.eric.ed.gov/fulltext/ED588350.pdf</u>

Ladyshewsky, R. (2103). Instructor presence in online courses and student satisfaction. *International Journal for the Scholarship of Teaching and Learning*, *7*(1). 1-23.

The Center for Teaching and Learning Collin College http://inside.collin.edu/tl/profdev.html Lasry, N., Mazur, E., & Watkins, J. (2008). Peer instruction: From Harvard to the two-year college. *American journal of Physics*, *76*(11), 1066-1069.

Lau, L. (2003). Institutional factors affecting student retention. *Education* 124(1): 126 – 136.

Li, L. and Pitts, J.P. (2009). Does it really matter? Using virtual office hours to enhance student-faculty interaction. *Journal of Information Systems Education*, *20*(2), 175-185.

Limmer, D. (2016) 10 tips for successful online anatomy and physiology instruction. *Paramedic Chief, Digital Edition*. Spring 2016.

Nicol, D. J., & Macfarlane-Dick, D. (2006). Formative assessment and self-regulated learning: A model and seven principles of good feedback practice. Studies in Higher Education, 31(2), 199–218.

Osborn, L, and Neill, J. (2005). Performance assessment in online learning. 19th Annual Conference on Distance Teaching and Learning. University of Wisconsin, Madison.

Reddy, Y. M., & Andrade, H. (2010). A review of rubric use in higher education. *Assessment & evaluation in higher education*, *35*(4), 435-448.

Richardson, J, Besser, E. Koehler, A. Lim, J. and Strait, M. (2016). Instructors' perceptions of instructor presence in online learning environments. *International Review of Research in Open and Distributed Learning*, 17(4). 82-104. <u>https://files.eric.ed.gov/fulltext/EJ1108404.pdf 4</u>.

Sandercock, I. (2014). How important is instructor presence in an online course?" *TeachOnline - Resources for Teaching Online*. October 13, 2014. Retrieved from <u>https://teachonline.asu.edu/2014/10/important-instructor-presence-online-course/</u>

Szpunar, K. K., Moulton, S. T., & Schacter, D. L. (2013). Mind wandering and education: From the classroom to online learning. *Frontiers in Psychology*, *4*(495).

Urban-Lurain, M. and Weinshank, D.J. (2000). "Attendance and Outcomes in a Large, Collaborative Learning, Performance Assessment Course." Paper presented at the Annual Meeting of the American Educational Research Association, New Orleans.

Wyss, V. L., Freedman, D., & Siebert, C. J. (2014). The development of a discussion rubric for online courses: Standardizing expectations of graduate students in online scholarly discussions. *TechTrends*, *58*(2), 99-107.

Vajravelu, K., & Muhs, T. (2016). Integration of digital technology and innovative strategies for learning and teaching large classes: A calculus case study. *International Journal of Research In Education and Science (IJRES)*, *2*(2), 379–395.

Vesely, P., Bloom, L., & Sherlock, J. (2007). Key elements of building online community: Comparing faculty and student perceptions. *MERLOT Journal of Online Learning and Teaching*, *3*(3), 234-246.

Watkins, J., & Mazur, E. (2013). Retaining students in science, technology, engineering, and mathematics (STEM) majors. *Journal of College Science Teaching*, *42*(5), 36-41.

Winkelmes, M., Boye, A., & Tapp, S. (2019). Transparent Design in Higher Education Teaching and Leadership: A Guide to Implementing the Transparency Framework Institution-Wide to Improve Learning and Retention. Stylus Publishing, LLC.

Young, S., & Bruce, M. A. (2011). Classroom community and student engagement in online courses. *Journal of Online Learning and Teaching*, *7*(2), 219-230.

The Center for Teaching and Learning Collin College http://inside.collin.edu/tl/profdev.html