

Research Project: Universal Design for Learning to Improve Access and Success of Students in First-Year Courses

Goal: Develop research-based practices that classroom instructors can implement to widen access for students in their first-year courses employing principles from Universal Design for Learning. Instructors can implement no-cost and low-cost activities and approaches within their courses. It is essential for instructors to embed these practices within their courses since other campus resources are limited to support student academic success and persistence towards graduation.

Hypothesis: Instructors can implement activities and approaches within their classes to increase student academic success and persistence towards graduation.

Publications and On-Going Research:

Arendale, D. R. (2018). Introduction to special issue on Universal Design for Inclusive Pedagogy and a future research agenda. *Education Sciences Journal*, 8. Available online:
https://www.mdpi.com/journal/education/special_issues/Universal_Design_for_Inclusive_Pedagogy

Arendale, D. R. (Ed.). (2018). Special issue: Universal Design for Inclusive Pedagogy. *Education Sciences Journal*, 8. Available online:
https://www.mdpi.com/journal/education/special_issues/Universal_Design_for_Inclusive_Pedagogy

Arendale, D. R., & Poch, R. (2008). Planning and assessment tool: Higher education programs and services. In E. Goff & J. L. Higbee (Eds.), *Pedagogy and student services for institutional transformation: Implementation guidebook for student development programs and services* (pp. 48-50). Minneapolis: University of Minnesota, College of Education and Human Development. ERIC database. (ED503835). Available online: University of Minnesota Digital Conservancy, <http://hdl.handle.net/11299/200459>

Arendale, D. R., & Ghere, D. (2008). Teaching history using Universal Instructional Design. In J. L. Higbee & E. Goff (Eds.), *Pedagogy and student services for institutional transformation: Implementing Universal Design in higher education* (pp. 113-130). Minneapolis: University of Minnesota, College of Education and Human Development. ERIC database. (ED503835). Available online: University of Minnesota Digital Conservancy, <http://hdl.handle.net/11299/200460>

Arendale, D. R., & Poch, R. (2008). Using Universal Instructional Design for administrative leadership, planning, and evaluation. In J. I. Higbee & E. Goff (Eds.), *Pedagogy and student services for institutional transformation: Implementing Universal Design in higher education* (pp. 419-436). Minneapolis: University of Minnesota, College of Education and Human Development. ERIC database. (ED503835). Available online: University of Minnesota Digital Conservancy, <http://hdl.handle.net/11299/200461>