

Dr. Heather Greenhalgh Spencer, Professor of Curriculum and Instruction and Associate Dean in the TTU Graduate School, investigates how technology, innovative pedagogy, and organizational change interact to expand access to learning pathways in K-12 and higher education. Her research spans educational technology, blended and personalized learning, philosophy of technology, and strategic school change; work that also engages STEM pipeline questions and school workforce connections. Recent projects include evaluating state level personalized learning supports and advancing microcredential approaches to digital teaching, for which she was recognized with external funding. She has also recently received funding for strategic compensation and strategic operational change pathways in K-12 spaces. She leads an amazing team to support Texas's TIA (Teacher Incentive Allotment ) pathway for supporting teachers. In addition to publishing in international venues, Dr. Greenhalgh Spencer teaches courses on elearning, data literacy, and pedagogical innovation, and she regularly collaborates with districts and cross campus partners to translate research into practice. She is a former ***NSF Personalized Engineering Learning designee***. She also **recently completed a Fulbright** where she focused on ways that universities can **expand personalized learning pathways and connections to industry**. She has received approximately **\$46,000,000 in external grant** funding. She has also been at the forefront of developing innovative graduate programs and has **tripled enrollment within programs that she oversees**. She has worked collaboratively with cross-campus partners, state agencies, legislators, philanthropic organizations, and federal agencies. Colleagues and students cite her signature practice of “deep listening” as a foundation for bridge building among educators, communities, and policymakers, an ethos that threads through her scholarship and leadership across the College of Education and Graduate School.