



Matthew Wills, D.Sc

Assistant Professor, University of Cincinnati College of Allied Health Sciences

Course Coordinator: Leveraging Analytic and Business Intelligence Tools for Healthcare

Matt Wills is an Assistant Professor-Educator in the Master of Health Informatics program at UC. He completed the Doctor of Science (D.Sc) degree in Healthcare Information Systems from Dakota State University in 2012 along with dual specializations in decision support/expert systems and knowledge management. Matt has considerable experience in course design and program development, and has taught a wide variety of informatics, information systems and computer science courses.

Matt's early research focused on technology acceptance, use and user performance. His dissertation work adapted and extended the cornerstone Task-Technology Fit (TTF) theory to the clinical domain, and investigated technology-mediated performance related to the clinical-reasoning (diagnostic decision-making) task. Combining TTF with clinical decision theory produced a model able to explain the influence of several key characteristics of EMR technology on clinical reasoning performance. Currently his research interests include healthcare data analytics/data science, technology ethics and pedagogy.

While Matt believes that an active research agenda is critical to staying relevant as a teacher, his passion is truly for teaching. He believes that online teaching demands a new pedagogy - where teaching, learning and assessment activities are designed collaboratively with expert educational technologists. The objectives are to build and foster active, vibrant learning communities where students are engaged intellectually and socially. He approaches his teaching from the dual perspectives of art and science – science guides design and art brings it to life.

Matt is the founder and President of Scholaris Cognos Publishing, LLC. At Scholaris the focus is: 1. development, implementation and management of high-quality, peer-reviewed academic, scholarly and scientific journals and 2. Academic and Scientific conference development and management. All Scholaris journals are open-access - published research is available at no cost, immediately upon publication, world-wide. The first titles to launch in early 2018 include the American Journal of Gun Violence and Policy Studies and the Journal of Data Science in Healthcare.