2023 SDSU Data Science Symposium

Keynote speakers Feb 6-7, 2023

SOUTH DAKOTA STATE UNIVERSITY

Emily Griese, PhD, Chief Operating Officer, Sanford Health Plan, Sioux Falls, SD

Talk Title: Zip codes and address changes - Using innovative data analytics to predict and impact health outcomes

Emily Griese is responsible for providing leadership and oversight for all operational areas at Sanford Health Plan, focusing on financial strength and efficiencies while ensuring the highest quality member experience and outcomes. She further leads Sanford Health Plan towards advancing its mission in value-based care integration, working closely with the Sanford Healthcare Delivery system. Dr. Griese has nearly 15 years of experience in community-based work and population health. Before joining Sanford Health Plan in January of 2020, she worked with Sanford Health as a leader in population health working with executive leadership in setting a system strategy for the transition to value-based care. Prior to that role, she led the Sanford Data Collaborative as well as a NIH funded research lab focused on rural and tribal health. She currently holds appointments as an Assistant Scientist at Sanford Research and an Assistant Professor at the University of South Dakota, Sanford School of Medicine. She received her PhD from the University of Nebraska-Lincoln and completed her postdoctoral fellowship in population health at Sanford Health.

Ryan Nichols, Data Science and Analytics Advisor, TransUnion

Talk Title: Unraveling Complex Problems: Applying Systems Thinking in Data Science

Ryan Nichols is a Data Science and Analytics Advisor for TransUnion. He serves in a cross-functional advisory role where he focuses on scale up and integration efforts across Mortgage, Tenant Screening and Auto Finance.

Mr. Nichols joined TransUnion over eight years ago and served as a key data scientist supporting our Tenant Screening business located in the Denver Tech Center (DTC). During the first seven years with TransUnion Rental Screening Solutions (TURSS), he helped conceptualize and invent Resident Vision, our leading multifamily business intelligence product. Before joining TransUnion, Ryan was employed as a Senior Analyst for Staples, the leading retailer of office supplies and products. Ryan earned a Bachelor's degree in Economics from Mississippi State University and a Master's degree in Economics from Colorado State University.