2018 RED RIVER VALLEY STATISTICAL CONFERENCE SCHEDULE

Session 1 10:15-11:00 a.m. Room: Arikara	Presenter	Title
10:15-10:30	Lincoln Larson	Investigating Statistical vs. Practical Significance of the Kolmogorov-Smirnov Two-Sample Test Using Power Simulations and Resampling
10:30-10:45	Ying Lin	Testing Parallelism for the Four-parameter Logistic Model with D-optimal Design
10:45-11:00	Muhammed Saho	A Visualization Method for Course Evaluations and Other Likert Scale Data

Session 2 11:15 a.m.-12:15 p.m. Room of Nations	Presenter	
11:15-11:30	Di Gao	Bayesian Lasso Models - With Application to Sports Data
11:30-11:45	Xiyuan Liu	A Big Data approach: Conditional Random Field and Gradient Descent
11:45-12:00	Yu Sun	Portfolio Risk Management Analysis of Pessimistic Investment Behavior
12:00-12:15	Kekoura Sakouvogui	Does the Type of the Inefficiency Distributions Matter? An Acceptance-Rejection Monte Carlo Simulation of the Stochastic Frontier Analysis (SFA) Models

Session 3 12:15-1:15 p.m. Room: Arikara Poster Presentations with Refreshments	Presenter	Title
	Morgan Berg	Mental Stress Management: Analysis of Guided Imagery and Its Effect
	Jace Duffield	Analysis of Wave Propagation through Tomato Plants
	Kinza Faiyaz	Analysis of Learning Styles
	Kevin Folman	Analysis of Wave Propagation through Perennial Plants
	Brooks Flyberg	Analysis of Popcorn Brands
	Dong Geon Han	Probability of Being The Next Babe Ruth
	Michael Heim	The Effect of Water Amount and Fertilizer on Marigold Plant Growth
	Matthew Hilgers	Analysis of the Effects of Vitamin C Dosage and Delivery Method in Odontoblast Length of Guinea Pigs
	Thomas Iam Howden	Effect of Nature and Extent of Functional Group Modification on Properties of Thermosets from Methacrylated Epoxidized Sucrose Soyate

	Ashlee Leech	Testing the Difference Absorbencies Between Brands of Paper Towels
	Reid Leighton	Evaluating the Impact of Cooking Methods and Brand on Pasta Cooking Time
	Emily Leonard	Factorial Modelling of Effects of Age and Material on Connector Conductivity
	Madison Mathiason	Comparing the Effectiveness of Different Stain Removers in a Randomized Block Design
	Joseph Willert	Effect of Surface Type and Ball Size on Bouncy Balls
Session 4 1:15-2:15 p.m. Room of Nations	Presenter	
1:15-1:30	Katie Neset	Comparative Analysis of Traditional and Modified DECODE Method is Small Sample Gene Expression Experiments
1:30-1:45	Jingjun Zhao	Differential Gene Co-expression Networks - Bayesian Biclustering Approach
1:45-2:00	Minglian Lin	Nonparametric Bayesian in Genotype Calling for Tetraploidy
2:00-2:15	Xiaoyi Zhou	Exploring Associations Between Lifestyles and Metabolic Syndrome in Middle-Age Chinese Population