AISC 2021: October 8-10, 2021; UNC Greensboro
Conference Program

People Marked in Red need certificates
List co-authors (from submitted abstract tab) for certificate of presentation, as described in the sample certificate

October 8, 2021, Friday

8:30 – 8:50 **Inaugural Remarks**
Sat Gupta – Conference Chair, Head Math Stats Department, UNC Greensboro

John Z. Kiss, Dean College of Arts and Sciences, UNC Greensboro

9:00 – 10:30 **Plenary Session - Main Room**
Chair: John Stufken – UNC Greensboro

9:00-9:40 **Keynote Address: Critical Role of Statistics in Evaluating Forensic Evidence**
Karen Kafadar, Commonwealth Professor & Chair, Department of Statistics, University of Virginia, ASA President 2019

9:45-10:25 **Plenary Talk 1: Identifying Latent Geometry through Analysis of Curvature**
Tyler McCormick – University of Washington

10:30 -10:45 **Break**

10:45 – 12:45 **Parallel Sessions 1**

Parallel Session 1a: Optimal Designs
Room 1
Chair: Abhyuday Mandal – University of Georgia

Sunanda Bagchi – Indian Statistical Institute
Optimality of Multi-Way Designs

John Morgan – Virginia Tech
Row-Column Designs with a BIBD Component

Sergio Pozuelo Campos - University of Castilla-La Mancha
Robust Designs for Toxicological Test

Qiong Zhang – Clemson University
Optimal Design for A/B Testing in the Presence of Covariates and Network Connection

Parallel Session 1b: Bayesian variable selection for longitudinal/functional data
Room 2
Chair: Mahlet Tadesse – Georgetown University

Jarno Vanhatalo – University of Helsinki, Finland
A Gaussian Process Model and Bayesian Variable Selection for Mapping Function-Valued Quantitative Traits with Incomplete Phenotypic Data

Ziv Shkedy – Hasselt University, Belgium
Bayesian Model Averaging in Longitudinal Studies Using Bayesian Variable Selection Methods

Marie Denis – CIRAD, France & Georgetown University, USA
Bayesian Varying Coefficient Model with Selection

Daniel Kowal – Rice University, TX, USA
Subset Selection for Linear Mixed Models

Parallel Session 1c: Reproducibility of Statistical Tests
Room 3
Chair: Frank Coolen - Durham University, UK and Filipe Marques, New University of Lisbon

Frank Coolen – Durham University, UK
Introduction to Nonparametric Predictive Inference and Statistical Reproducibility

Filipe Marques – New University of Lisbon
Nonparametric Predictive Inference for Test Reproducibility by Sampling Future Data Orderings

Norah Alalyani – Durham University, UK
Nonparametric Predictive Inference for Reproducibility of One-Way Layout Tests

Fatimah Alghamdi – Durham University, UK
Reproducibility for Estimation Based on Randomised Response Methods

Abdulrahman Aldawsari – Durham University, UK
Parametric Bootstrap for Reproducibility Probability of Tests

Parallel Session 1d: Sampling Methods
Room 4
Chair: Sadia Khalil – Lahore College for Women University, Pakistan

Badr Aloraini – NC A&T State University, Greensboro
Estimation of Population Variance Using Optional Randomized Response Technique Model in the Presence of Measurement Errors

Pujita Sapra – UNC Greensboro
An Optional Mixture Binary RRT Model with a Unified Measure of Privacy and Efficiency

Hina Khan – GCU, Lahore
On Estimation and Monitoring of Population Mean Using Sampling on Two Successive Occasions with Auxiliary Information

Amber Ashgar – Virtual University of Pakistan, Lahore
Multivariate Estimator for Estimating Vector of Population Variances Using Multi-Auxiliary Variables

Parallel Session 1e: Functional Data Analysis
Room 5
Chair: Patrick LeBlanc – Duke University

James Ramsay – McGill University
My Life with Manifolds

Silvia Montagna – University of Torino, Italy
Flexible Bayesian Factor Analysis Models for Functional Data

Giles Hooker – University of California, Berkeley
Selecting the Derivative of a Functional Covariate in Scalar-on-Function Regression

Parallel Session 1f: Statistics for Nursing and Health Sciences Research
Room 6
Chairs: Susan Letvak & Thomas McCoy – UNC Greensboro

Thomas McCoy – UNC Greensboro
Modeling Proportions Adhering to Ergonomic Safety Measures for Perioperative Nurses: An Application of Beta Regression and Challenges

Shannon Ford – UNC Greensboro
Assessing Relationships between Adolescent Symptoms for Improved Understanding and Care: A Network Perspective

Wenhao (Wendy) Shou – UNC Greensboro
Following NCCN Guidelines within One Hospital System in the United States: Comparison between Cancer Centers and Genetic Counselor Utilization

Karen Cochran – UNC Greensboro
Using Statistics to Guide Fatigue Reduction Planning Among Nurses

Parallel Session 1g: Statistical Ecology
Room 7
Chairs: Tiago Marques – University of St Andrews, UK & Ben Swallow, University of Glasgow, UK

Beth Gardner – University of Washington
Integrating Animal Movement Processes into Spatial Capture-Recapture Models

Janine Illian – University of Glasgow
Spatial Point Process Modelling - Complexity and Ecological Processes

Charlote Jones-Todd – University of Auckland
The Role of Random Fields in Modelling Spatiotemporal Point Patterns

Olivier Gimenez – France based
Lasso for covariate selection in capture-recapture models

Steve Buckland – University of St Andrews
Wildlife Population Assessment: Changing Priorities Driven by Technological Advances

12:45 – 2:00 **Lunch Break**

2:00 – 3:30 **Plenary Session - Main Room**
Chair: David Banks – Duke University
Plenary Talk 2: Statistical Inference for Semiparametric Regression Models
Zhezhen Jin – Columbia University

Plenary Talk 3: The Role of Generalized Means in the Weibull Tail Coefficient Estimation
Ivette Gomes – University of Lisbon

3:30-3:45 **Break**

3:45 – 5:45 **Parallel Sessions 2**

Parallel Session 2a: Computer Experiments and Design Problems
Room 1

Chair: John Morgan – Virginia Tech

Abhyuday Mandal – University of Georgia
MaGP: Modeling and Active Learning for Experiments with Quantitative-Sequence Factors

Xinwei Deng – Virginia Tech
Sequential Design of Computer Experiments with Quantitative and Qualitative Factors in Applications to HPC Performance Optimization

Qian Xiao – University of Georgia
Connecting U-Type Designs Before and After Level Permutations and Expansions

Ryan Lekivetz – JMP
On the Testing of Statistical Software

Parallel Session 2b: Statistics at Census
Room 2
Chair: Ben Kedem – University of Maryland

Eric Slud – U.S. Census Bureau and University of Maryland
Nonresponse Weight Adjustment in the Census Bureau's Probability and Nonprobability Tracking Surveys

Darcy Steeg-Morris – U.S. Census Bureau
Missing Data Methods at the Census Bureau with Massive Nonresponse and Observational Data

Ryan Janicki – U.S. Census Bureau
A Spatial Change of Support Model for Differentially Private Measurements, with Application to Estimation of Counts of Persons in AIAN Areas by Detailed Race Groups

Andrew Raim – U.S. Census Bureau
Direct Sampling in Bayesian Hierarchical Models for Privacy Protected Data

Parallel Session 2c: Economic, Business and Health Care Data Analysis
Room 3
Chair: Organizer/Chair: Heejung Bang, University of California- Davis

Matthew Schneider – Drexel University, Philadelphia, PA
Protecting time series data with minimal forecast loss

Robert L. Obenchain – Principal Consultant, Risk Benefit Statistics LLC, Indianapolis
Cost-effectiveness models with nonlinear preference maps

Shuai Chen – University of California Davis
An improved survival estimator for censored medical costs using kernel methods

Mi Hyun Lee – Northwestern University, Chicago
How consumers respond to pre-roll skippable advertising on different devices: a comparison between mobile devices and personal computers

Parallel Session 2d: Machine Learning in Cluster Analysis
Room 4
Chair: Yi Guo – Duke University

Chris Fraley – Tableau Software
Model-Based Clustering

Adam Jaeger – Wichita State University
The Roots of Trees

Minjie Wang – Rice University
Integrative Generalized Convex Clustering Optimization and Feature Selection for Mixed Multi-View Data

Jason Xu – Duke University
Advances in optimization methods for k-means clustering

Parallel Session 2e: Using Statistics and Combinatorics in the Development of Adaptive Courseware
Room 5

Presenters:
Simon Wong & Caroline Celano - McGraw Hill ALEKS
https://www.mheducation.com/highered/aleks.html

October 8, 2021
6:00-8:00 pm
Special Session - Adapting to the Changing Landscape of Academic Statistical Collaboration – A Panel Discussion
Main Room
Chair: Julia Sharp – Colorado State University

Panelists:
Emily Griffith, Associate Research Professor, North Carolina State University,
Sarah Peskoe, Senior Biostatistician, Duke University
Alex Hanlon, Director, Center for Biostatistics and Health Data Science, Virginia Tech
Van Mullekom, Director of SAIG, Virginia Tech
Bruce Craig, Director of the Statistical Consulting Service, Purdue University

October 9, 2021, Saturday

9:00 – 10:30 **Plenary Session - Main Room**
Chair: Tyler McCormick – University of Washington

Plenary Talk 4: Family of Mean-Mixtures of Multivariate Normal Distributions: Properties, Inference and Assessment of Multivariate Skewness
Narayanaswamy Balakrishnan – McMaster University

Plenary Talk 5: Data Splitting
Roshan Joseph – Georgia Tech

10:30 -10:45 **Break**

10:45 – 12:45 **Parallel Sessions 3**

Parallel Session 3a: Recent Topics on Design of Experiments
Room 1
Chair: Arman Sabbaghi – Purdue University

William Li – Shanghai Institute of Advanced Finance
On optimal designs in information-based optimal subdata - A systematic view of a data reduction strategy with application to second-order model

Min Yang – University of Illinois at Chicago
On the Efficiency of Hybrid Testing-Modeling Approach for Binary Responses

Yumin Zhang – Purdue University
The Designed Bootstrap for Causal Inference in Big Observational Data

Jason Kao – Arizona State University
Bagging-Enhanced Sampling Schedule for Functional Quadratic Regression

Parallel Session 3b: Topological Data Analysis (TDA) in Statistics and Machine Learning
Room 2
Chairs: Thomas Weighill – UNC Greensboro & Tom Needham – Florida State University

Sara Kališnik – ETH Zurich
Sampling Smooth Manifolds Using Ellipsoids

Mathieu Carrière – Inria Sophia Antipolis
A Framework to Differentiate Persistent Homology with Applications in Machine Learning and Statistics

Haibin Hang – University of Delaware
Topological Linear Regression

Parallel Session 3c: Multiple Testing
Room 3
Chair: Scott Richter

Josephine Akosa – University of Notre Dame
On Improving BH Procedures for High-Dimensional Dependent Data

Joshua Habiger – Oklahoma State University
Policies for Replicable Research and the Community-Wide False Discovery Rate

Mindy McCann (or Martin) – Oklahoma State University
Approximate Simultaneous Comparisons with a Control for Ranked-set Samples

Amy Wagler – The University of Texas, El Paso
Rapid Multiplicity Adjustment for Independent or Dependent Chi-square Distributed Test Endpoints

Parallel Session 3d: Analysis of Public Health Data
Room 4
Chair: Asifa Kamal – Lahore College for Women University, Pakistan

Shakeel Ahmed – National University of Science and Technology, Islamabad, Pakistan
Post Stratification Using Double-Goal CART: An Application to Domain-Specific Health Outcomes Estimation in Pakistan

Naila Amjad – Lahore College for Women University, Pakistan
Psychosocial and Socio-Economic Crisis of Covid-19 Affected by Demographic Factors in Lahore, Pakistan

Abeera Shakeel – Lahore College for Women University, Pakistan
Analysis of Spatial Patterns and Associated Factors of Stillbirth in Pakistan, PDHS (2017-18): A spatial and multilevel analysis

Uzma Yaqoob – Lahore College for Women University, Pakistan
Role of Socioeconomic and Parental Involvement Factors on Children Foundational Learning Skills: An Evidence from MICS (2017-18), Punjab, Pakistan

Sana Nazir – Lahore College for Women University, Pakistan
Factors Affecting the Pregnancy Outcome using Pakistan Maternal Mortality Survey (PMMS) 2019

Parallel Session 3e: Sampling Methods
Room 5
Chair: Javid Shabbir – Quaid-I-Azam University, Islamabad, Pakistan

Mahnaz Makhdum – National College of Business Administration and Economics, Lahore, Pakistan
Mean Estimation of Population Mean of Sensitive Variable in the Presence of Non-Response and Measurement Errors Using Optional RRT in Two-Phase Sampling

Sadia Khalil – Lahore College for Women University, Pakistan
Generalized RRT Mean Estimator Using Two Auxiliary Variables in the Presence of Measurement Errors in Two-Phase Sampling

Jiya Amir – Lahore College for Women University, Pakistan
Family of Estimators of Finite Population Mean in the Presence of Non-Response and Measurement Error

Sarah Kanwal – Lahore College for Women University, Pakistan
A Generalized Estimator of the Finite Population Mean Using Auxiliary Information in the Presence of Combined Effect of Measurement Error and Non-Response

Anmol Tahir – Lahore College for Women University, Pakistan
The Ratio-Product Type Difference-Cum Exponential Estimator to Estimate the Population Mean in the Presence of Non-Response and Measurement Error using Single and Two Auxiliary Variables

3f: Undergraduate Research – Best Presentation Award Session
Room: 6
Chair: Kumer Pial Das (University of Louisiana at Lafayette)

Judges:
Kumer Pial Das - University of Louisiana at Lafayette
Mark Daniel Ward - Purdue University
Sheela Misra – UNC Greensboro

Maxwell Lovig – University of Louisiana at Lafayette
Using Conformal Predictions and BERT to Better Automate Part-of-Speech Tagging and Redacted Word Prediction

Joia Zhang (University of Washington) & Nathaniel Mersy (St Olaf College)
Mitigating Lack of Trust in Quantitative Randomized Response Techniques Models

M. Christina Hoffman – University of South Florida
Statistical Models of Ballot Truncation in Ranked Choice Elections

Grace Rhodes – Mount Holyoke College

Markov Chain Composite Likelihood and Its Application in Recombination Model

Trisha Nayak – University of Georgia
Data Compression and Prediction

Fatima Majeed – Lahore College for Women University, Pakistan
Gull Alpha Power Moment Exponential Distribution: Properties, and Applications

Kaitlyn Hohmeiera - University of North Carolina, Wilmington
Obesity Epidemic in the Low Country of South Carolina: A Cause-Effect Type Analysis Using Statistical Methods

Parallel Session 3g: Advances Statistical Methodology
Room 7
Chair: Jianping Sun – UNC Greensboro

Tahani Coolen-Maturi – Durham University, UK
Nonparametric Predictive Inference for Diagnostic Accuracy

Jianping Sun – UNC Greensboro
Identify Safety-Vaccine Association with Existence of Complex and High Dimensional Confounding

James Clothier - University of Nebraska - Lincoln
Metric Learning Methods for Drug Discovery

Xianming Tan - University of North Carolina, Chapel Hill
Statistical Consideration in Intelligent Ecological Momentary Assessment

12:45 – 2:00	**Lunch Break**
2:00 – 3:30	**Plenary Session - Main Room** **Chair: Narayanaswamy Balakrishnan – McMaster University** **Plenary Talk 6: Sample Size Calculations for Mixture Alternatives in a Control Group vs. Treatment Group Design** **Dan Jeske - University of California, Riverside** **Plenary Talk 7: Applying Data Science Skills in Industry** **Mark Daniel Ward – Purdue University**
3:30-3:45	**Break**

3:45 – 5:45 Parallel Sessions 4

Parallel Session 4a: Multi-Armed Bandit and Reinforcement Learning
Room 1
Chair: John Stufken – UNC Greensboro

Eric Laber – Duke University
Non-Dominated Adaptive Clinical Trials

Mohamad Kazem Shirani Faradonbeh – University of Georgia
Thompson Sampling for Partially Observed Contextual Multi-Armed Bandits

Timothy Keaton – Purdue University
Design and Dismemberment of the Multi-Armed Bandit

Arman Sabbaghi – Purdue University
Bandits with Priors

Parallel Session 4b: Topological Data Analysis (TDA) in Statistics and Machine Learning
Room 2
Chairs: Thomas Weighill – UNC Greensboro & Tom Needham – Florida State University

Chao Chen – Stonybrook University
Detection of Trojan Attacks to Deep Neural Networks – A Topological Perspective

Austin Lawson – University of Tennessee, Knoxville
Persistence Curves: A framework for summarizing persistence diagrams

Jessi Cisewski-Kehe – University of Wisconsin - Madison
Distinguishing Cosmological Models with Topological Data Analysis

Farzana Nasrin – University of Hawaii at Manoa
Random Persistence Diagram Generation

Parallel Session 4c: Statistical Models and Methods for Practical Data Analysis
Room 3
Chair: Indranil Ghosh – UNC Wilmington

George Yanev – The University of Texas Rio Grande Valley
Exponential and Hypoexponential Distributions: Some Characterizations

Rachel Caroll – UNC Wilmington
Quantifying the impact of the COVID-19 pandemic on cancer screenings and diagnoses

Hon Keung Tony Ng – Southern Methodist University

Semiparametric and Nonparametric Evaluation of First-Passage Distribution of Bivariate Degradation Processes

Suvra Pal – University of Texas at Arlington
An Efficient Estimation Algorithm for Cure Rate Model with Competing Risks

Parallel Session 4d: Recent Advances on Meta-Analysis
Room 4
Chair & Session Organizer: Chang Yu, Vanderbilt University Medical Center

Lianne Siegel – University of Minnesota
Estimating the Reference Range from a Meta-Analysis using Aggregate or Individual Participant Data

Ming-Hui Chen – University of Connecticut
Bayesian Network Meta-Regression Hierarchical Models Using Heavy-Tailed Multivariate Random Effects with Covariate-Dependent Variances

Christopher Schmid – Brown University
Bayesian Methods for Meta-Analysis of N of 1 Trials

Chang Yu – Vanderbilt University Medical Center
A Parametric Meta-Analysis Using Distribution for P-Values

Parallel Session 4e: Topics in Complex Big Data Analysis
Room 5
Chair: Xiaoli Gao – UNC Greensboro

Yichao Wu – University of Illinois, Chicago
Variable Selection for Global Fréchet Regression

Xiaoqian Jiang – University of Texas Health Science Center, Houston
Real-time Prediction for Mechanical Ventilation in COVID-19 Patients using A Multi-task Gaussian Process Multi-objective Self-attention Network

Kun Chen – University of Connecticut
An Amalgamation-Based and Taxonomy-Guided Statistical Learning Paradigm for Microbiome Data

Quefeng Li – UNC Chapel Hill
Integrative Factor Regression and Its Inference for Multimodal Data Analysis

Bin Luo – Duke University
A Robust Cox Proportional Hazard Model for High-Dimensional Survival Data Analysis

Parallel Session 4f: Predictive Modeling
Room 6
Chair: Haimeng Zhang – UNC Greensboro

Kumer Das (University of Louisiana at Lafayette) and M. Shaha Patwary (Butler University)
Predicting Stock Indices in Relation to the Number of COVID-19 Infection Rate

Sarangan Balasubramaniam – UNC Greensboro
Spatial Prediction on the Axially Symmetric Process

Xiaohuan (Max) Xue – UNC Greensboro
A Note on Asymptotics of Estimators on Spheres

Anuj Tamwekar– BITS Pilani, India
Estimation and Applications of Quantiles in Deep Binary Classification

Parallel Session 4g: Design of Experiments
Room 7
Chair: Sunanda Bagchi – Indian Statistical Institute

Satya Prakash Singh - Indian Institute of Technology Hyderabad
Optimal Designs for Testing Pairwise Differences: A Graph Based Approach

Shrabanti Chowdhury – Icahn School of Medicine at Mount Sinai, New York,
A-ComVar: A Flexible Extension of Common Variance Designs

Hongzhi Wang - University of Georgia,
Lioness Algorithm for Finding Optimal Design of Experiments

Jeevan Jankar – University of Georgia
A General Equivalence Theorem for Crossover Designs under Generalized Linear Models

October 10, 2021, Sunday

9:00 – 9:45 **Plenary Session - Main Room**
Chair: Dan Jeske - University of California, Riverside

Plenary Talk 8: Statistical Challenges in Computational Advertising
David Banks – Duke University

9:45 - 10:00 **Break**

10:00 – 12:00 **Parallel Sessions 5**

Parallel Session 5a: Supersaturated Designs

Room 1
Chair: Min Yang – University of Illinois at Chicago

Frederick Kin Hing Phoa – Academia Sinica
A Factor Screening Approach for Supersaturated Experiments with an Exponential Family Response via a Generalized Dantzig Selector

Kalliopi Mylona – King's College London
Supersaturated Split-Plot Experiments in Industry

Rakhi Singh – UNC Greensboro
Design Selection for 2-Level Supersaturated Designs

John Stufken – UNC Greensboro
Factor Selection in Screening Experiments

Parallel Session 5b: Advances in Survival Modeling including Cure
Room 2
Chair: Suvra Pal - University of Texas Arlington

Debasis Kundu – Indian Institute of Technology Kanpur, India
Order Restricted Inference for a Multiple Step-Stress Model with Long-term Survivors

Sandip Barui – Indian Institute of Management Kozhikode, India
Semiparametric Methods for Survival Data with Measurement Error under Additive Hazards Cure Rate Models

Souvik Roy – University of Texas at Arlington, USA
A Projected Non-Linear Conjugate Gradient Algorithm for Parameter Estimation in A Cure Rate Model

Suvra Pal – University of Texas at Arlington, USA
A New Support Vector Machine-Based Promotion Time Cure Rate Model

Parallel Session 5c: Novel applications of multiple imputation
Room 3
Chair: Jerry Reiter – Duke University

Sharmistha Guha – Texas A&M
Bayesian Causal Inference with Bipartite Record Linkage

Jiurui Tang – Duke University
Leveraging Auxiliary Information on Marginal Distributions for Handling Missing Values and Accounting for Survey Weights

Bo Liu – Duke University
Multiple Imputation Inferences for Count Data

Parallel Session 5d: Distribution Theory
Room 4
Chair: Filipe Marques – New University of Lisbon

Naz Saud – Lahore College for Women University, Pakistan
A New Five-Parameter Lifetime Distribution: Properties, Characterization and Applications

Mariyam Hafeez – Lahore College for Women University, Pakistan
Cubic Transmuted Power Function Distribution: Theory and Applications

Sakshi Soni – University of Delhi, India
Estimation and Prediction for a Generalized Half Logistic Distribution Under Hybrid Censoring

Aditi Chaturvedi – Babasaheb Bhimrao Ambedkar University, India
Randomly Censored Kumaraswamy Distribution

Syed Shafi Ahmed – University of Lucknow, India
A Comparative Study of Unconditional and Conditional Higher Moment CAPM Models

Parallel Session 5e: Deep Learning
Room: 5
Chair: David Banks – Duke University

Xiaoming Huo – Georgia Tech
Matters for Generalization of Overparametrized Deep Neural Network
under Noisy Observations

Yue Xing – Purdue University
On the Statistical Properties of Adversarial Robust Estimators

Bianca Dumitrascu – University of Cambridge
Machine Learning for Actionable, Interpretable Marker Selection in -omics Studies

Sam Wiseman – Duke University
Neural Text Generation by Splicing Nearest Neighbors

Parallel Session 5f: Sampling Methods
Room: 6
Chair: Sayed Mostafa – NC A&T State University, Greensboro

Sayed Mostafa – NC A&T State University, Greensboro
Nonparametric Model-Assisted Estimation Using Scrambled Responses from Complex Surveys

Javid Shabbir – Quaid-I-Azam University, Islamabad, Pakistan
Multi-Objective Pareto Optimum Sample Allocation in Multivariate Stratified Sampling

Nouman Qureshi – National College of Business Administration and Economics, Lahore, Pakistan
Memory-Type Ratio and Exponential Ratio Estimators for the Estimation of Stratified Population Variance in Presence of Measurement Error for Time-Scaled Surveys

Isabelle Beaudry – Pontificia Universidad Católica de Chile
A Bayesian Approach to Differential Recruitment with Respondent-Driven Sampling Data

Gajendra Vishwakarma – Indian Institute of Technology Dhanbad, India
Effect of Measurement Errors under Additive Scramble Response on Sensitive Variable

Parallel Session 5g: Analysis of Survey Data
Room: 7
Chair: Sheela Misra – UNC Greensboro & University of Lucknow (India)

Sheela Misra – UNC Greensboro & University of Lucknow (India) & Shivangi Sheel (University of Pavia, Italy)
Post Pandemic Challenge of Socio-Mental Wellbeing and Role of Statistics

Anmol Tahir - Lahore College for Women University, Pakistan
Identification of Factors & Their Relationship Which Influence Students' Satisfaction with Cafeteria Food Service

Priyanka Verma – University of Lucknow, India
Yoga, Meditation and Mental health well-being during Covid-19 pandemic

Ratan Thakur – Babasaheb Bhimrao Ambedkar University, India
Comparative Analysis of Artificial Neural Network Training Algorithms for the Prediction of Noise Level in the Industrial Zone of Lucknow

12:00-12:30 **Closing Remarks &**

Outstanding Undergraduate Student Presentation Awards Announced