

4th International Conference and Exhibition on BIOMETRICS & BIOSTATISTICS

Dates : November 16-18, 2015

Venue : Hilton San Antonio Airport, San Antonio, USA



OMICS International Conferences

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Scientific Program

Day 1 November 16, 2015

08:30-09:00 Registrations

Texas B



09:00-09:20

Opening Ceremony

Keynote Forum

09:20-09:30	Introduction
09:30-10:00	Individualized medicine: some of the ways biostatisticians can help Ken Williams, KenAnCo Biostatistics and University of Texas Health Science Center, USA
10:00-10:30	Cluster randomization trials in schools setting: design and analysis Abbas F Jawad, University of Pennsylvania and Children's Hospital of Philadelphia, USA
10:30-11:00	Agent Orange Exposure and Monoclonal Gammopathy of Undetermined Significance: A Ranch Hand Veteran Cohort Study Joel Michalek, University of Texas, USA

Group Photo @ 11:00-11:05

Coffee Break 11:05-11:20 @ Foyer

Track 2: Statistical and Computing Methods
Track 5: Bioinformatics
Track 6: Computer Science and Systems Biology

Session chair: Francisco Louzada, University of Sao Paulo, Brazil

Session co-chair: Abdel-Salam Gomaa Abdel-Salam, Qatar University, Qatar

Session Introduction 11:20-11:25

11:25-11:45	p53-based strategy to reduce hematological toxicity of chemotherapy: A pilot study Joel Michalek, University of Texas, USA
11:45-12:05	The out-of-place testing for genome comparison Hsin-Hsiung Huang, University of Central Florida, USA
12:05-12:25	An evaluation of statistical methods for DNA methylation microarray data analysis Dongmei Li, University of Rochester, USA
12:25-12:45	Outlier robust non-linear mixed model estimation on gene expression Abdel-Salam Gomaa Abdel-Salam, Qatar University, Qatar
12:45-13:05	A Unified Multivariate Survival Model in Presence of a Cure Fraction Francisco Louzada, University of Sao Paulo, Brazil

Lunch Break 13:05-13:40 @ Texas E

13:40-14:40	Workshop on Rcircle: A gene-oriented R package for integrating multiple '-omics' data to prioritize disease related hub genes and network by: Xing Li, Mayo Clinic, USA
14:40-15:00	Casual analysis of the relation between epigenetic pathways and air pollution based on the joint use of mixed latent Markov models and the propensity score method Fulvia Pennoni, University of Milano-Bicocca, Italy
15:00-15:20	A meta-analysis of meta-analyses comparing LDL cholesterol, non-HDL cholesterol, and apo-lipoprotein B as markers of vascular risk Ken Williams, KenAnCo Biostatistics and University of Texas, USA

15:20-16:20	Workshop on Advanced statistical analysis using SPSS by: Abdel-Salam Goma Abdel-Salam , Qatar University, Qatar
Coffee Break 16:20-16:35 @ Foyer	
16:35-16:55	A directed acyclic graphical approach with ensemble feature selection for a better drug development strategy using partial knowledge from KEGG signaling pathways Adel Aloraini , Al Baha University, Saudi Arabia
16:55-17:15	Web resources for bioinformatics, biotechnology and life sciences research Ajit Kumar Roy , Central Agricultural University Tripura, India
17:15-17:35	Strategies for handling missing outcomes in longitudinal questionnaire surveys Nazanin Noorae , Eindhoven University of Technology, The Netherlands
Young Researcher Forum	
17:35-17:45	Effect of atypical populations in meta-analysis Juliana Torres Sánchez , Universidad Nacional de Colombia, Colombia
17:45-17:55	The association of under nutrition and cognitive outcomes among 4-6 years old South African children Rachel Oluwakemi Ajayi , University of Kwazulu-Natal, South Africa
17:55-18:05	Statistical causal networks using multi-omics and the concept of granularity Azam Yazdani , University of Texas School of Public Health, Houston, USA
Panel Discussion	

Day 2 November 17, 2015	
Texas B	
Keynote Forum	
09:00-09:30	Extensions of dynamic programming for decision tree study Mikhail Moshkov , King Abdullah University of Science and Technology, Saudi Arabia
09:30-10:00	Some applications of Fourier /wavelets transform in Statistical Sciences Altaf H Khan , King Abdullah International Medical Research Center, Saudi Arabia
10:00-10:30	Factor analysis technique to determine Job Satisfaction among physicians in a Saudi Tertiary Medical Care Center Ahmed A Bahnassy , King Fahad Medical City, Saudi Arabia
Coffee Break 10:30-10:45 @ Foyer	
Track 1: Medical and Clinical Biostatistics Track 3: Bayesian Statistics Track 4: Regression Analysis	
Session chair: Abbas F Jawad , University of Pennsylvania and Children's Hospital of Philadelphia, USA Session co-chair: Joel Michalek , University of Texas, USA	
Session Introduction 10:45-10:50	
10:50-11:10	Glioma classification and translational application in clinics Aiguo Li , National Institutes of Health, USA
11:10-11:30	Using different methods to analyze the pre-post no-matching survey data in medical practical research Huaping Wang , University of Illinois at Chicago, USA
11:30-13:00	Workshop on Choice of agreement in medical imaging: Inter-rater, intra-rater reliability index or receiver operating curve or any other index to rely on by: Altaf H Khan , King Abdullah International Medical Research Center, Saudi Arabia
Lunch Break 13:00-13:30 @ Texas E	

13:30-13:50	Teaching biostatistics to undergraduate Saudi medical students Ahmed A Bahnassy , King Fahad Medical City College of Medicine, Saudi Arabia
13:50-14:10	Biostatistics can help to comprehend the shortage, illegal trade, and unmet demand of organ or tissue transplant Ram Shanmugam , Texas State University, USA
14:10-14:30	A regression approach for noise removal in image analysis Walid Sharabati , Purdue University, USA
14:30-14:50	Healthcare cost and utilization project (H-CUP), a research tool Ali Seifi , University of Texas Health Science Center, USA
14:50-15:10	Markov Chain Monte Carlo estimation for Bayesian approach based on type-I censored data Al Omari Mohammed Ahmed , Al Baha University, Saudi Arabia
15:10-15:30	Establishment and verification of miRNAs expression molecules for breast cancer and its distant metastasis Yanhong Gao , Chinese PLA General Hospital, China
Coffee Break 15:30-15:45 @ Foyer	
15:45-16:45	Workshop on A workshop on how to do meta-analysis right by: Ken Williams , KenAnCo Biostatistics, University of Texas, USA
Young Researcher Forum	
16:45-16:55	Combine genetic, molecular, cellular and statistical analysis to determine pathogen variations Bingjie Li , The University of Texas, USA
16:55-17:05	Generalized concordance measure: Generalized regression model and dimension reduction Wang Shao Hsuan , National Taiwan University, Taiwan
17:05-17:15	An insight on the misuse of logistic regression model in the face of non-convergence Yusuf O B , University of Ibadan, Nigeria
17:15-17:25	Role of BMS and infrastructure in crude death rate and infant mortality rate Anam Riaz , National College of Business Administration and Economics (NCBA&E), Pakistan
17:25-17:35	An algorithm to evaluate follow-up strategies after primary treatment in oncology by computer simulation Serge M A Somda , Centre Muraz, Burkina Faso
Panel Discussion	

Day 3 November 18, 2015

Texas B

Keynote Forum

09:00-09:30 **Impact of big data analytics on business, economy, health care and society**
Ajit Kumar Roy, Central Agricultural University Tripura, India

Track 7: Modern Data Analysis
Track 8: Adaptive Biometric Systems
Track 9: Biometric Security
Track 10: Emerging and Future Applications of Biometrics
Track 11: Cyber Security

Session chair: Ajit Kumar Roy, Central Agricultural University Tripura, India

Session Introduction 09:30-09:35

09:35-09:55 **Large data integration in RNA-seq and whole genome sequencing to prioritize disease-related genes in hypoplastic left heart syndrome**
Xing Li, Mayo Clinic, USA

09:55-10:15	Structural similarity index algorithm for accurate mammogram registration Huda Al-Ghaib, Utah Valley University, USA
10:15-10:35	Fuzzy-based multi-modal architecture for electioneering in Nigeria Adeola Stephen Oladele, Federal University of Technology, Nigeria
10:35-10:55	Application of multivariate statistical methods in the study of morphological features of Tilapia cabrea Uchendu Bartholomew A, Federal Polytechnic, Nigeria
Coffee Break 10:55-11:10 @ Foyer	
11:10-11:30	Investigation of the influence of 5-HT1A R agonist and 5-HT2A/2C R agonist in m-RNA expression of AMPA-R GABA-Aα1 R and BDNF in HT-22 cells of mice using PCR and statistical technique Adil Rasheed, SINTEF ICT Norway, Norway
11:30-11:50	Tackling the big-data challenges of genomics by statistical and computational-based models Abdullah K Alqallaf, Kuwait University, Kuwait
Young Research Forum	
11:50-12:00	A comparison of three models in multivariate binary longitudinal analysis Hissah Alzahrani, Florida State University, USA
12:00-12:10	Study of the growth rate of neo-tropical trees via non-linear mixed models Wilmar López Oviedo, Universidad Nacional de Colombia, Colombia
12:10-12:20	The quality of life in persons living with HIV: A follow up over 12 months in Ouagadougou-Burkina Faso Yacouba Ouattara, Université de Ouagadougou, Burkina Faso
12:20-12:30	Entropy of size-biased moment exponential distribution Abdul Basit, National College of Business Administration and Economics (NCBA&E), Pakistan
12:30-12:40	A review on internal consistency measures for medical sciences research Syed Jawad Ali Shah, University of Peshawar, Pakistan
12:40-12:50	Encyclopedia of mechanical engineering and CSA technology research database for the study of engineering Nnadozie C Dandy, Institute of Management & Technology, Nigeria
12:50-13:00	Big data information system: Challenges and analysis Cosmas Chidiebere Nsirim, University of Canberra, Australia
Lunch Break 13:00-13:30 @ Texas E	
Closing Ceremony	

Bookmark your dates

5th International Conference and Exhibition on

Biometrics & Biostatistics

October 20-22, 2016 Houston, USA

Website: <http://biometrics-biostatistics.conferenceseries.com>

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