

## Biostatistics 2015 Scientific Program

### Day 1 : November 16, 2015

08:30-09:00	Registrations
09:00-09:20	Opening Ceremony
09:20-09:30	Introduction
<b>Keynote Presentation</b>	
09:30-10:00	<b>Title: Individualized medicine: some of the ways biostatisticians can help</b>
	Ken Williams, KenAnCo Biostatistics and University of Texas Health Science Center, USA
<b>Coffee Break @ Foyer: 10:00-10:15</b>	
10:15-10:45	<b>Title: Cluster randomization trials in schools setting: design and analysis</b>
	Abbas F Jawad, University of Pennsylvania and Children's Hospital of Philadelphia, USA
10:45-11:15	<b>Title: Some applications of Fourier /wavelets transform in Statistical Sciences</b>
	Altaf H Khan, King Abdullah International Medical Research Center, Saudi Arabia
<b>Group Photo: 11:15-11:20</b>	
<b>SPEAKER SESSIONS</b>	
<b>Track 2: Statistical and Computing Methods</b> <b>Track 5: Bioinformatics</b> <b>Track 6: Computer Science and Systems Biology</b>	
<b>11:20-11:25</b>	<b>Session Introduction</b>
<b>Session Chair:</b>	Francisco Louzada, University of Sao Paulo, Brazil
<b>Session Co-Chair:</b>	Abdel-Salam Gomma Abdel-Salam, Qatar University, Qatar
11:25-11:45	<b>Title: p53-based strategy to reduce hematological toxicity of chemotherapy: A pilot study</b>
	Joel Michalek, University of Texas, USA
11:45-12:05	<b>Title: The out-of-place testing for genome comparison</b>
	Hsin-Hsiung Huang, University of Central Florida, USA
12:05-12:25	<b>Title: An evaluation of statistical methods for DNA methylation microarray data analysis</b>
	Dongmei Li, University of Rochester, USA
12:25-12:45	<b>Title: Outlier robust non-linear mixed model estimation on gene expression</b>
	Abdel-Salam Gomma Abdel-Salam, Qatar University, Qatar
12:45-13:05	<b>Title: A Unified Multivariate Survival Model in Presence of a Cure Fraction</b>
	Francisco Louzada, University of Sao Paulo, Brazil

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	<b>Lunch Break @ XXX: 13:05-13:35</b>
	<b>Workshop</b>
<b>13:35- 14:35</b>	<b>Title: Workshop on Rcircle: A gene-oriented R package for integrating multiple '-omics' data to prioritize disease related hub genes and network</b>
	<b>Xing Li, Mayo Clinic, USA</b>
	<b>SPEAKER SESSIONS</b>
<b>14:40-15:00</b>	<b>Title: 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</b>
	<b>Fulvia Pennoni, University of Milano-Bicocca, Italy</b>
<b>15:00-15:20</b>	<b>Title: A meta-analysis of meta-analyses comparing LDL cholesterol, non-HDL cholesterol, and apo-lipoprotein B as markers of vascular risk</b>
	<b>Ken Williams, KenAnCo Biostatistics and University of Texas, USA</b>
<b>15:20-15:40</b>	<b>Title: A directed acyclic graphical approach with ensemble feature selection for a better drug development strategy using partial knowledge from KEGG signaling pathways</b>
	<b>Adel Aloraini, Al Baha University, Saudi Arabia</b>
<b>15:40-16:00</b>	<b>Title: Web resources for bioinformatics, biotechnology and life sciences research</b>
	<b>Ajit Kumar Roy, Central Agricultural University Tripura, India</b>
	<b>Coffee Break @ Foyer 16:00-16:15</b>
	<b>Workshop</b>
<b>16:15- 17:15</b>	<b>Title: Workshop on Advanced statistical analysis using SPSS</b>
	<b>Abdelsalam Gomma Abdelsalam, Qatar University, Qatar</b>
<b>17:15-17:35</b>	<b>Title: Strategies for handling missing outcomes in longitudinal questionnaire surveys</b>
	<b>Nazanin Noorae, Eindhoven University of Technology, The Netherlands</b>
<b>17:35-17:55</b>	<b>Title: Teaching biostatistics to undergraduate Saudi medical students</b>
	<b>Ahmed A Bahnassy, King Fahad Medical City College of Medicine, Saudi Arabia</b>
	<b>Young Researcher Forum</b>
<b>17:55-18:05</b>	<b>Title: Effect of atypical populations in meta-analysis</b>
	<b>Juliana Torres Sánchez, Universidad Nacional de Colombia, Colombia</b>
<b>18:05-18:15</b>	<b>Title: The association of under nutrition and cognitive outcomes among 4-6 years old South African children</b>
	<b>Rachel Oluwakemi Ajayi, University of Kwazulu-Natal, South Africa</b>

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Day 2 : November 17, 2015	
<b>Keynote Presentation</b>	
09:00-09:30	<p><b>Title: Agent Orange Exposure and Monoclonal Gammopathy of Undetermined Significance: A Ranch Hand Veteran Cohort Study</b></p> <p>Joel Michalek, University of Texas, USA</p>
09:30-10:00	<p><b>Title: Extensions of dynamic programming for decision tree study</b></p> <p>Mikhail Moshkov, King Abdullah University of Science and Technology, Saudi Arabia</p>
<b>Coffee Break @ Foyer : 10:00-10:15</b>	
10:15-10:45	<p><b>Title: Factor analysis technique to determine Job Satisfaction among physicians in a Saudi Tertiary Medical Care Center</b></p> <p>Ahmed A Bahnassy, King Fahad Medical City, Saudi Arabia</p>
<b>SPEAKER SESSIONS</b>	
<p><b>Track 1: Medical and Clinical Biostatistics</b></p> <p><b>Track 3: Bayesian Statistics</b></p> <p><b>Track 4: Regression Analysis</b></p>	
<b>10:45-10:50</b>	<b>Session Introduction</b>
<b>Session Chair:</b>	Abbas F Jawad, University of Pennsylvania and Children's Hospital of Philadelphia, USA
<b>Session Co-Chair:</b>	Joel Michalek, University of Texas, USA
10:50-11:10	<p><b>Title: Glioma classification and translational application in clinics</b></p> <p>Aiguo Li, National Institutes of Health, USA</p>
11:10-11:30	<p><b>Title: Healthcare cost and utilization project (H-CUP), a research tool</b></p> <p>Ali Seifi, University of Texas Health Science Center, USA</p>
11:30-11:50	<p><b>Title: Using different methods to analyze the pre-post no-matching survey data in medical practical research</b></p> <p>Huaping Wang, University of Illinois at Chicago, USA</p>
<b>Workshop</b>	
11:50-12:50	<p><b>Title: A workshop on how to do meta-analysis right</b></p> <p>Ken Williams, KenAnCo Biostatistics, University of Texas, USA</p>
<b>Lunch Break @ XXX : 12:50 -13:20</b>	
13:20-14:20	<p><b>Title: Biostatistics can help to comprehend the shortage, illegal trade, and unmet demand of organ or tissue transplant</b></p> <p>Ram Shanmugam, Texas State University, USA</p>
14:20-14:40	<p><b>Title: A regression approach for noise removal in image analysis</b></p> <p>Walid Sharabati, Purdue University, USA</p>
14:40-15:00	<p><b>Title: Parameter estimation in a hierarchical random intercept model with censored response: An approach using a SEM algorithm and Gibbs sampling</b></p> <p>Yousri Slaoui, University of Poitiers, France</p>

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Workshop	
15:00-16:15	<b>Title: Choice of agreement in medical imaging: Inter-rater, intra-rater reliability index or receiver operating curve or any other index to rely on</b>
	<b>Altaf H Khan, King Abdullah International Medical Research Center, Saudi Arabia</b>
<b>Coffee Break @ Foyer 16:15-16:30</b>	
16:30-16:50	<b>Title: Markov Chain Monte Carlo estimation for Bayesian approach based on type-I censored data</b>
	<b>Al Omari Mohammed Ahmed, Al Baha University, Saudi Arabia</b>
16:50-17:10	<b>Title: Establishment and verification of miRNAs expression molecules for breast cancer and its distant metastasis</b>
	<b>Yanhong Gao, Chinese PLA General Hospital, China</b>
<b>Young Researcher Forum</b>	
17:10-17:20	<b>Title: Combine genetic, molecular, cellular and statistical analysis to determine pathogen variations</b>
	<b>Bingjie Li, The University of Texas, USA</b>
17:20-17:30	<b>Title: Generalized concordance measure: Generalized regression model and dimension reduction</b>
	<b>Wang Shao Hsuan, National Taiwan University, Taiwan</b>
17:30-17:40	<b>Title: An insight on the misuse of logistic regression model in the face of non-convergence</b>
	<b>Yusuf O B, University of Ibadan, Nigeria</b>
17:40-17:50	<b>Title: Role of BMS and infrastructure in crude death rate and infant mortality rate</b>
	<b>Abdul Basit, State Bank of Pakistan, Pakistan</b>
17:50-18:00	<b>Title: An algorithm to evaluate follow-up strategies after primary treatment in oncology by computer simulation</b>
	<b>Serge M A Somda, Centre Muraz, Burkina Faso</b>

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Day 3 : November 18, 2015	
<b>SPEAKER SESSIONS</b>	
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	
<b>10:00-10:05</b>	<b>Session Introduction</b>
<b>10:05-10:25</b>	<b>Title: Large data integration in RNA-seq and whole genome sequencing to prioritize disease-related genes in hypoplastic left heart syndrome</b> Xing Li, Mayo Clinic, USA
<b>10:25-10:45</b>	<b>Title: Structural similarity index algorithm for accurate mammogram registration</b> Huda Al-Ghaib, Utah Valley University, USA
<b>10:45-11:05</b>	<b>Title: Fuzzy-based multi-modal architecture for electioneering in Nigeria</b> Adeola Stephen Oladele, Federal University of Technology, Nigeria
Coffee Break @ Foyer 11:05-11:20	
<b>11:20-11:40</b>	<b>Title: Online Identity : The Trajectory of the Web-based identity management systems migration</b> Ali Alkhalifah, Qassim University College of Computer, Saudi Arabia
<b>11:40-12:00</b>	<b>Title: Tackling the big-data challenges of genomics by statistical and computational-based models</b> Abdullah K Alqallaf, Kuwait University, Kuwait
<b>12:00-12:20</b>	<b>Title: Fingerprint template protection scheme based on minutiae structures; security issues and vulnerabilities</b> Ramón Santana Fernández, University of Informatics Science, Cuba
<b>Young Researcher Forum</b>	
<b>12:20-12:30</b>	<b>Title: Study of the growth rate of neo-tropical trees via non-linear mixed models</b> Wilmar López Oviedo, Universidad Nacional de Colombia, Colombia
<b>12:30-12:40</b>	<b>Title: The quality of life in persons living with HIV: A follow up over 12 months in Ouagadougou-Burkina Faso</b> Mahamoudou Sanou, Université de Ouagadougou, Burkina Faso
<b>12:40-12:50</b>	<b>Title: Encyclopedia of mechanical engineering and CSA technology research database for the study of engineering</b> Nnadozie C Dandy, Institute of Management & Technology, Nigeria
<b>12:50-13:00</b>	<b>Title: Big data information system: Challenges and analysis</b> Cosmas Chidiebere Nsirim, University of Canberra, Australia
Lunch Break @ XXX : 13:00-13:40	
Award Ceremony	
Thanksgiving & Closing Ceremony	

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