

Schedule of IBS Invited Sessions



Monday 11 July

11:00 – 12:30

(Lecture Theatre)

Some Recent Developments in Incomplete Data Analysis in Biometrical Studies

Peisong Han, Michael McIsaac, James Hanley, Andrea Rotnitzky, Mei-Cheng Wang

(Salon A – Carson Hall)

Modelling Count Data in the Era of Next Generation Sequencing Data

Jeanine Houwing, Hongzhe Li, Stephane Robin, Mark Robinson, Roula Tsonaka

14:00 – 15:30

(Lecture Theatre)

Combination, Enrichment and Added-value of Omics Data in Modern Clinical Prediction Problems

Bart Mertens, Willy Sauerbrei, Mar Rodriguez Gironde, Harald Binder, Ruth Pfeiffer

(Salon A – Carson Hall)

New Advances in Underdispersed Count Data Analysis

Célestin C. Kokonendji, Clarice Demetrio, John Hinde, Pedro Puig, Kimberly F. Sellers, Joseph H. Hilbe

16:00 -17:30

(Lecture Theatre)

Young Statisticians' Showcase

Inmaculada Arostegui (RESP)

Fernando Aguate, Bekir Çetintav, Linda Chaba, Edward Kennedy, Faye Williamson

Tuesday 12 July

9:00 – 10:30

(Lecture Theatre)

Methodological Challenges in Observational Studies – Current Perspectives and Future Directions in Function Form, Measurement Error and Causal Inference

James Carpenter, Michal Abrahamowicz, Laurence Freedman, Els Goetghebeur

(Salon A – Carson Hall)

Statistical Assessment of the Replicability of Scientific Results

Ruth Heller, Marina Bogomolov, Qunhua Li, Daniel Yekutieli, Yoav Benjamini

11:00 – 12:30

(Salon A – Carson Hall)

Statistics in Practice (Part I, II)

Simon G. Thompson, Mark Simmonds

(Lecture Theatre)

Recent Developments in Pharmacokinetic and Pharmacodynamic Modeling and Data Analysis

Joel Dubin, Hulin Wu, Martin Lysy, José Pinheiro, Sophie Donnet

14:00 – 15:30

(Salon A – Carson Hall)

Statistics in Practice (Part III, IV)

Simon G. Thompson, Mark Simmonds

(Lecture Theatre)

Two-part Models for the Analysis of Correlated Count and Semi-continuous Data with Excess Zeros

Iris Reinhard, Geert Molenberghs, Brian Neelon, D.Leann Long, Valerie Smith

16:00-17:30

(Lecture Theatre)

Recent Advances in Bayesian Methods for Causal Inference

Jason Roy, Michael Elliott, Andrea Mercatanti, Lawrence McCandless

(Salon A – Carson Hall)

Biometrics Showcase

Michael Hohle, Ruth H.Keogh

Schedule of IBS Invited Sessions Continued



Wednesday 15 July

NO SESSIONS – TOURS AND EXCURSIONS ALL DAY

Thursday 14 July

9:00 – 10:30

(Lecture Theatre)

Robust instrumental variable methods in Mendelian Randomization

Simon Thompson, Maria Glymour, Stephen Burgess, Hyunseung Kang, Stijn Vansteelandt

(Salon A – Carson Hall)

Statistical Methods in Imaging Genomics and Brain Connectivity

Timothy Johnson, Farouk Nathoo, Linglong Kong, Marina Vannucci

11:00 – 12:30

(Lecture Theatre)

Statistician and Scientist: A New Age in Collaboration

Beverley Gogel, Katya Ruggiero, Byron Morgan, Fred van Eeuwijk

14:30 – 16:00

(Lecture Theatre)

Development and Evaluation of Biomarkers for Predicting Treatment Effects in Clinical Trials: Methodology and Application

Holly Janes, Noah Simon, Eric Laber, Parvin Tajik

16:30-18:00

(Lecture Theatre)

Advances in Neuroimaging

Lynn Eberly, Benjamin Cassidy, John Hughes, Galin Jones, Ani Eloyan

(Salon A – Carson Hall)

Regularization and Model Selection in Mixed Models

Samuel Mueller, Francis Hui, Howard Bondell, Jiming Jiang, Tonya Garcia

Friday 15 July

9:00 – 10:30

(Lecture Theatre)

Novel Methods and Applications in Spatial and Spatiotemporal Statistics

Debashis Mondal, Cici Bauer, Alix Gittleman, Farouk Nathoo

(Salon C – Carson Hall)

JABES Showcase

Gustavo de los Campos, Yogasudha Veturi, Ana I. Vazquez, Christina Lehermeier, Paulino Pérez-Rodríguez, and Guillerma Arroita, G; Martin S. Ridout, Byron J.T. Morgan

11:00 – 12:30

(Lecture Theatre)

Statistics and Fisheries

Marie-Pierre Etienne, Pierre Gloaguen, James Thorson, Jean-Baptiste Lecomte



The Western North American
Region of The International Biometric Society
Schedule of WNAR Invited Sessions



Monday 11 July

11:00 – 12:30

(Oak Bay 1-2)

Statistical Methods for Brain Imaging Data

Russell Shinohara, Todd Ogden, Ana-Maria Staicu, Timothy Johnson

14:00 – 15:30

(Oak Bay 1-2)

Statistical Inference in Complex Sampling Designs

Tracey Marsh, Peter Gilbert, Thomas Lumley, Edward Kennedy

16:00 – 17:30

(Oak Bay 1-2)

Statistical Analysis of Wearable Sensor Data

Julian Wolfson, Vadim Zipunnikov, Tiago Barreira, Jeff Goldsmith

Tuesday 12 July

9:00 – 10:30

(Oak Bay 1-2)

Missing Data in Regression: Beyond Existing Modelling Assumptions

Peisong Han, Emily Berg, Gary Chan, Peng Ding

11:00 – 12:30

(Oak Bay 1-2)

Advances in Methodology for Causal Inference

David Benkeser, Alexander Luedtke, Forrest Crawford, James Robins

14:00 – 15:30

(Oak Bay 1-2)

Recent Methods Development for Cancer Screening

Theodore R. Holford, Summer S. Han, Carolyn Rutter, Nilanjan Chatterjee

(Saanich 1-2)

WNAR Young Investigators 1

16:00 – 17:30

(Oak Bay 1-2)

A Continuous Approach to Interpreting Forensic DNA Profiles

David Balding, James Curran, Catherine Grgicak, and Simone Gittelson

(Saanich 1-2)

WNAR Young Investigators 2

Wednesday 15 July

NO SESSIONS – TOURS AND EXCURSIONS ALL DAY

Thursday 13 July

9:00 – 10:30

(Oak Bay 1-2)

Statistical Methods to Improve Drug and Vaccine Safety Surveillance Using Big Healthcare Data

Scott Emerson, Robert Platt, Andrea Cook, Ehsan Karim

(Esquimalt)

WNAR Young Investigators 3

Schedule of WNAR Invited Sessions Continued



11:00 – 12:30

(Oak Bay 1-2)

Advances in Nonparametric and Semiparametric Inference

Marco Carone, Mark van der Laan, Rajarshi Mukherjee, Aditya Guntuboyina

(Esquimalt)

WNAR Young Investigators 3

14:30 – 16:00

(Oak Bay 1-2)

Statistical Innovation for Network Analysis

Daniela Witten, Jacob Bien, Duo Jiang, Uri Tzvi Eden

Friday 15 July

9:00 – 10:30

(Oak Bay 1-2)

Novel Statistical Methods for Determination of Patient Classification in Personalized Medicine: Illustrations in Cystic Fibrosis

Barbara Bailey, Sonya Heltshe, Rhonda Szczesniak, Brandie Wagner

11:00 – 12:30

(Oak Bay 1-2)

Statistics and Human Rights

Megan Price, Robin Mejia, Nicholas P. Jewell, Alicia Carriquiry

12:45 – 13:30

(Sidney)

WNAR Annual Meeting