**North Texas Chapter**

**American Statistical Association**

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**Next Meeting: Thursday, October 25, 2018**

**Refreshments: 6:30 p.m. Meeting: 7:00 p.m.**

**Southern Methodist University Heroy Hall Room 153**

**Speaker: Professor Joon Jin Song**, Associate Professor of Statistical Science, Baylor University.

**Presentation:** Propensity Score Analysis on Complex Data

**Abstract:** Randomized experiments avoid confounding among study groups by the random assignment of study subjects to treatments and warrants the validity of casual inference. Observational studies usually do not have this luxury and treatment assignment naturally happens. Propensity score, first proposed by Rosenbaum and Rubin (1983), is a popular confounding adjusting technique for causal inference in observational studies. In reality, data collected in many observational studies are often clustered naturally or not reported correctly. In this talk, Bayesian propensity score analysis approaches will be discussed for estimating treatment effect in causal inference for complex observational data.

**Announcements:**

* The two Texas Chapters will host traveling short courses on “Network Meta-Analysis” taught by Professor Christopher Schmid (Professor and Chair of Biostatistics, Brown University School of Public Health) this year. The course is scheduled to be delivered in the North Texas Chapter on November 8, 2018 (Thursday) and in the San Antonio Chapter on November 9, 2018 (Friday). For more information on the Traveling Course, please visit

[https://www.smu.edu/-/media/Site/Dedman/Departments/Statistics/ASA-Traveling-Course/ASA\_TravelingCourse\_2018\_Nov8new.docx](https://www.smu.edu/-/media/Site/Dedman/Departments/Statistics/ASA-Traveling-Course/ASA_TravelingCourse_2018_Nov8new.docx?la=en)

To register for the Traveling Course at the North Texas Chapter, please go to

<https://secure.touchnet.net/C21403_ustores/web/product_detail.jsp?PRODUCTID=1252&SINGLESTORE=true>

* The Conference of Texas Statisticians (COTS) will be held at **Lamar University (Beaumont, Texas)** on **April 5-6, 2019**.
* The North Texas Chapter is one of the chapters that may nominate recipients of the **ASA Award for Outstanding Chapter Service** in 2019. Please send your nomination to Julia Kozlitina (Julia.Kozlitina@UTSouthwestern.edu).

**Chapter Officers**

President – Hon Keung (Tony) Ng

Vice-President/Program officer – Sy Han (Steven) Chiou

Secretary and Treasurer – [Yahya A.H. Daoud](https://webmail.smu.edu/owa/redir.aspx?C=W2EK9dhJcEmK1Uat1zt962EslRigpNEIE46lvrAqI3USidoibiPnFVXocXU4ARYbYfnbD2LGoj8.&URL=mailto%3ayahyad%40BaylorHealth.edu)

Chapter Representative – Julia Kozlitina

Administrative Assistant – Sheila Crain