

MAY 23, 2011: LECTURE 3 (UNIVERSITÉ CATHOLIQUE DE LOUVAIN)

Covariate adjustment

Location: Séminaires Martin V, UCL, 1200 Brussels
14:00-15:00: Informal meeting with Professor Tsiatis
15:00-16:00: Lecture by Professor Tsiatis
16:00: Further informal meeting

MAY 25, 2011: LECTURE 4 (EORTC)

Pursuit Trial (assessing length of infusion)

Location: European Organisation for Research and Treatment of Cancer (EORTC), Avenue E. Mounierlaan 83/11, 1200 Brussels.
Lecture Hall: Henri Tagnon Lecture Hall
14:00-15:00: Informal meeting with Professor Tsiatis
15:00-16:00: Lecture by Professor Tsiatis
16:00: Further informal interaction

MAY 27, 2011: LECTURE 5 (UHASSELT)

The use of double robustness and establishing causality

Location: Universiteit Hasselt, Building D (main building)
Room: Auditorium H4
14:00-15:00: Informal meeting with Professor Tsiatis
15:00-16:00: Lecture by Professor Tsiatis
16:00: Reception



Participation is free, but registration is mandatory: www.ibiostat.be/

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The Interuniversity Institute for Biostatistics and statistical Bioinformatics of Katholieke Universiteit Leuven & Universiteit Hasselt proudly announces

The Princess Lilian Visiting Professorship for Professor Anastasios A. Tsiatis

North Carolina State University



The Princess Lilian Foundation has created a high-profile visiting professorship with the specific aim to foster interaction between researchers based in Belgium and Europe and established experts.

Programme of Professor Tsiatis' Professorship

Prof. Tsiatis will deliver a sequence of research lectures on his research topics. His seminars will explicitly be accessible to researchers in medical statistics, biomedical research, and epidemiology. The research lectures will be of particular appeal to biomedical researchers and to quantitative researchers in the biomedical sciences and beyond.

MAY 18, 2011: INAUGURAL LECTURE (K.U.LEUVEN)

Novel Study Designs for Treatment Strategies that Reflect Actual Clinical Practice

Location: Katholieke Universiteit Leuven, Campus Gasthuisberg, Building O&N 2.

14:00-15:00: (ON2, 04.312): Opportunity to informally meet Professor Tsiatis

15:00-16:00: (ON2, 04.208): Lecture by Professor Tsiatis

16:00 (ON2, 04.298): Reception

MAY 19, 2011: LECTURE 2 (UHASSELT)

Synergy Trial (accounting for treatment discontinuation)

Location: Universiteit Hasselt, Building D (main building)
9:15-10:15: (Auditorium H5): Lecture by Professor Tsiatis (as part of the two-day symposium, May 19-20: "International Symposium on Recent Advances in Statistics and Probability in Honor of Professor Noël Veraverbeke").

During the entire two-day symposium, there is ample opportunity to meet with Professor Tsiatis.

Previous Visiting Professors include:

- Professor D. Melton (Harvard University; hosted by Professor D. Pipeleers, VUB)
- Professor Zeiher (Frankfurt, Germany; hosted by Professor Ch. Vrints, UIA)
- Professor Dietze (Johns Hopkins Medical School; hosted by Professor A. De Paepe, RUG)
- Professor P. Brown (Stanford University; hosted by Professor J. Dumont, ULB)
- Professor B.P. Bean (Harvard University; hosted by Professor V. Seutin, ULg)
- Professor Qais Al-Awqati (Columbia University; hosted by Professor O. Devuyt, UCL)

Professor Anastasios A. Tsiatis

Professor Tsiatis graduated from Berkeley in 1974 in statistics. His advisor was Jerzey Neyman, one of the founders of modern statistical theory. He held professorships at the University of Wisconsin, Full Professorship at Harvard School of Public Health and the affiliated Dana-Farber Cancer Institute, and is currently Full Professor at North Carolina State University. Through profound contributions in research, education, and consulting, his impact on medical statistics and clinical trials (in particular in oncology and HIV) has been tremendous. He is one of the few world leaders in the successful combination of deep statistical methodology with state-of-the art biomedical research.

The **research** of Prof. Tsiatis covers various areas. First, in survival analysis, he has developed the definitive large-sample theory of the Cox regression model. His 1981 Annals in Statistics paper has been cited well over 200 times.

Second, in longitudinal data analysis, he has contributed seminal papers to surrogate-marker theory in clinical trials and to the joint modeling of longitudinal and survival outcomes. Third, he is one of the founders of group-sequential trial methodology. Fourth, he has contributed importantly to the theory of semi-parametric estimation theory. The practical consequence of his research is that a variety of complex designs can be implemented in clinical and epidemiological studies, while allowing for appropriate and computationally feasible analysis strategies. This shows, among other things, by the fact that his research is published in both the top medical statistics as well as medical journals. He has been awarded several prizes:

- (a) elected member of the International Statistical Institute;
- (b) elected fellow of the American Statistical Association and of the Institute of Mathematical Statistics;
- (c) Alumni Outstanding Research Award from North Carolina State University;
- (d) MERIT award from the National Allergy and Infectious Diseases Council;
- (e) named chair: Drexel Professor of Statistics at NC State University. Professor Tsiatis is Editor of Biostatistics, one of the top-ranked journals in probability and statistics. All of his research is published in top journals.

Turning to **education**, Prof. Tsiatis is a truly excellent teacher. He received many teaching awards:

- (a) Margaret Drolette Faculty Teaching Award of Harvard;
- (b) Teaching Citation of Harvard;
- (c) Rupert Miller Distinguished Lecturer at Stanford;
- (d) Greenberg Distinguished Lecturer at the University of North Carolina. His 2006 book (Springer, semi-parametric theory and incomplete data) testifies of his pedagogical qualities.

As for **consultancy**, he frequently advises the Food and Drug Administration, and is advisory board and monitoring committee member for numerous clinical trials.

All of these extraordinary qualities ensure that Prof. Tsiatis will surely pay a successful visit to Belgium. His didactical qualities constitute an important factor of success in the effective communication of and interaction about his top-quality research.