

**Two day symposium honoring Steve Lagakos
“Impact of Biostatistical Science –
Advances in Research:
AIDS, Cancer, Environment”**

**2-3 October 2010
Athens Royal Olympic**

SPONSOR

**Frontier Science & Technology Research
Foundation (FSTRF)**

Hosting Institutes:

Frontier Science Foundation – Hellas

A non-profit company for the advancement of Clinical Research

& University of Athens

Graduate Program in Biostatistics

(Medical School & Dept of Mathematics)

Laboratory of Biostatistics (Dept of Nursing)



Program

First Day

9:00 - 10:00	Registration - Coffee
10:00 - 11:00	Steve's Legacy Urania Dafni Klea Katsouyanni Nelly Lagakos Marvin Zelen
11:00 - 13:00	First Session - Chair: Marvin Zelen
11:00 - 11:40	Richard Gelber Subgroup Analyses in Clinical Trials
11:40 - 12:20	Rui Wang Selecting Treatment Strategy Based on Individual Characteristics Using Data from Randomized Clinical Trials
12:20 - 13:00	Victor De Gruttola Methodologic Challenges in HIV Prevention Research
13:00 - 14:30	Lunch Break
14:30 - 16:30	Second Session - Chair: Richard Gelber
14:30 - 15:10	David Schoenfeld Modeling Misfits and Other Sins - A Sequel to "Lagakos and Schoenfeld 1986"
15:10 - 15:50	Joan Hu Following Steve Lagakos to Advance Statistical Approaches in AIDS Research
15:50 - 16:30	Dianne Finkelstein Survival Analysis with missing data: Applications to Chronic Diseases - A legacy of Steve Lagakos
16:30 - 17:10	Coffee Break
17:10 - 19:10	Third Session - Chair: Urania Dafni
17:10 - 17:50	Guadalupe Gomez Statistical Considerations in the Use of a Composite Time-to-Event Endpoint for Comparing Treatment Groups
17:50 - 18:30	Dimitris Karlis Estimation of Survival Curves in the Case of "Time Varying Treatment"
18:30 - 19:10	Marvin Zelen The Early Detection of Disease
20:30 - 23:30	Dinner (by invitation only) Supported by 



Second Day	
08:30 - 09:00	Registration – Coffee break
09:00 - 11:00	First Session - Chair: David DeMets
09:00 - 09:40	Ori Davidov The Analysis of Ordered Distributions with Applications in Environmental Statistics
09:40 - 10:20	KyungMann Kim Drug Safety Issues and Controversy about COX2 Inhibitors: Challenges in Statistical Analysis, Data and Safety Monitoring Board and Statistical Center
10:20 – 11:00	Giota Touloumi Analysis of Health Outcome Time Series in Epidemiological Studies of Air Pollution Effects
11:00 - 11:40	Coffee Break
11:40 – 14:00	Second Session - Chair: Victor De Gruttola
11:40 - 12:20	Colin Begg The Study of Double Primary Malignancies: How a New Area of Investigation Can Provide Multiple Opportunities for Research on New Statistical Problems
12:20 – 13:00	Sharon-Lise Normand Statistical Strategies for Combining Information: Assessing Comparative Safety
13:00 – 13:40	David DeMets Challenges in Adaptive and Non-Inferiority Designs for Clinical Trials
13:40 - 14:00	Discussion

Organizing Committee

Co-Chairs

Marvin Zelen

Lemuel Shattuck Research Professor of Statistical Science and Member of the Faculty of Arts and Sciences, Department of Biostatistics, Harvard School of Public Health, Boston, MA, USA;

President, Frontier Science & Technology Research Foundation (FSTRF), Boston, USA

Urania Dafni

Professor of Biostatistics and Director of the Laboratory of Biostatistics, Faculty of Nursing, School of Health Sciences, National and Kapodistrian University of Athens, Athens, Greece;

Director, Frontier-Science Foundation – Hellas (FSF-H), Athens, Greece

Members

Dimitris Karlis

Associate Professor, Department of Statistics, Athens University of Economics and Business, Athens, Greece

Member of the Board of Directors, Frontier-Science Foundation – Hellas (FSF-H), Athens, Greece

Klea Katsouyanni

Professor, Department of Hygiene, Epidemiology and Medical Statistics, Medical School, National and Kapodistrian University of Athens, Athens, Greece

Apostolos Burnetas

Associate Professor, Department of Mathematics, National and Kapodistrian University of Athens, Athens, Greece

Demosthenes Panagiotakos

Associate Professor in Biostatistics - Nutritional Epidemiology, Department of Nutritional Science - Dietetics, Harokopio University, Athens, Greece

Panagiota Touloumi

Associate Professor in Epidemiology & Biostatistics, School of Medicine, University of Athens, Greece

Invited Speakers

- **Marvin Zelen**, Lemuel Shattuck Research Professor of Statistical Science and Member of the Faculty of Arts and Sciences, Department of Biostatistics, Harvard School of Public Health, Boston, MA, USA
- **Klea Katsouyanni**, Professor, Department of Hygiene, Epidemiology and Medical Statistics, Medical School, National and Kapodistrian University of Athens, Athens, Greece
- **Urania Dafni**, Professor of Biostatistics and Director of the Laboratory of Biostatistics, Faculty of Nursing, School of Health Sciences, National and Kapodistrian University of Athens, Athens, Greece
- **Richard Gelber**, Professor of Biostatistics and Computational Biology at Dana-Farber Cancer Institute, Professor of Pediatrics at Harvard Medical School, and Professor of Biostatistics at the Harvard School of Public Health, Boston, MA, USA
- **Rui Wang**, Biostatistician at the Biostatistics Center, Massachusetts General Hospital and Research Associate at the Department of Biostatistics, Harvard School of Public Health, Boston, MA, USA
- **Victor De Grutolla**, Biostatistics Professor and Chair of the Biostatistics Department at the Harvard School of Public Health, Boston, MA, USA
- **David Schoenfeld**, Professor at the Harvard Medical School and Professor in the Department of Biostatistics at the Harvard School of Public Health, Boston, MA, USA
- **Joan Hu**, Professor of Statistics, Department of Statistics and Actuarial Science, Simon Fraser University, British Columbia, BC, Canada
- **Dianne Finkelstein**, Professor and Director of Biostatistics, Massachusetts General Hospital, Harvard University, Boston, MA, USA
- **Guadalupe Gomez**, Professor of Statistics at the Universitat Politècnica de Catalunya and Chair of the Interuniversity Master's Degree in Statistics and Operations Research, Barcelona, Spain
- **Ori Davidov**, Senior Lecturer of Statistics, Department of Statistics, University of Haifa, Haifa, Israel
- **KyungMann Kim**, Interim Department Chair of Biostatistics and Medical Informatics, Professor, Departments of Biostatistics and Medical Informatics and Statistics, University of Wisconsin, Madison, WI, USA
- **Colin Begg**, Professor, Department of Epidemiology and Biostatistics, Memorial Sloan-Kettering Cancer Center, New York, NY, USA
- **Sharon-Lise Normand**, Professor of Health Care Policy (Biostatistics) in the Department of Health Care Policy, Harvard Medical School and in the Department of Biostatistics, Harvard School of Public Health Boston, MA, USA
- **David DeMets**, Professor of Statistics and Biostatistics, Chair, Department of Biostatistics and Medical Informatics, University of Wisconsin, Madison, WI, USA