

Awards Brochure ISI and Associations

61st ISI World Statistics Congress
Marrakech, Morocco

Awards Ceremony
Friday 21 July 2017, 16:00-16:45



Awards (2016-2017)

- International Prize in Statistics
- ISI Mahalanobis International Award in Statistics
- ISI Karl Pearson Prize
- ISI Jan Tinbergen Awards
- ISI Service Awards

- BS Ethel Newbold Prize
- BS Francisco Aranda-Ordaz Prize
- BS Itô Prize
- BS Wolfgang Doeblin Prize
- BS Bernoulli Prize for Outstanding Survey Articles in Probability
- IAOS Prizes for Young Statisticians
- IASC Best Paper Award COMPSTAT 2016
- IASC Best Paper Award LACSC 2016
- IASC Best Poster Award LACSC 2016
- IASC Best Paper Award LACSC 2017
- IASE ISLP Poster Competition Awards
- IASE ISLP Best Cooperative Project Award in Statistical Literacy
- IASS Cochran-Hansen Prize
- ISBIS William Sealy Gosset Award
- ISBIS Best Paper Competition for Young Researchers
- ISBIS Best Poster Awards
- TIES Abdel El-Shaarawi Young Researcher's Award
- TIES-Wiley Best Student Presentation Award

Funds for participation in the 61st ISI WSC in Marrakech

- World Bank Trust Fund for Statistical Capacity Building
- Statistics South Africa Fund
- Joint ISI + IBS Initiative for 2017 World Statistics Congress

acknowledges with gratitude the on-going support and sponsorship of the award by the Government of India.

We also celebrate the awarding of the third ISI Karl Pearson Prize at this WSC. Established in 2013, it recognises a research contribution, published within the past three decades, that has had profound influence in Statistics. The ISI gives its sincere thanks to Elsevier BV for sponsoring this prize.

This year sees the second edition of the Ethel Newbold Prize, an award established in 2015 by the Bernoulli Society, sponsored by Wiley. The Ethel Newbold Prize recognizes the historically important role of women in Statistics and is awarded to an outstanding statistical scientist for a body of work that represents excellence in research in mathematical statistics, and/or excellence in research that links developments in a substantive field to new advances in statistics.

The full portfolio of awards also demonstrates the importance that the ISI family attaches to the recognition, support and encouragement of young and early career achievers, ranging from the Jan Tinbergen Awards to the ISLP's Poster Competition. It also emphasizes the acknowledgement to members who have provided extended and outstanding service to the ISI.

Also included in this brochure is the list of members who received support to attend the WSC and associated events, from the World Bank Trust Fund for Statistical Capacity Building and from Statistics South Africa. Joining the effort, this year, the ISI and the International Biometric Society (IBS) have combined in a new initiative to fund two young IBS members to participate in the 2017 WSC by presenting their work. It is expected that they will use this opportunity to increase interactions between young statisticians at the WSC and that they will carry ahead this experience to benefit their own regions. The ISI looks forward to further collaborations for subsequent initiatives.

The ISI is also very grateful for those sponsors who have provided support to many statisticians for attending the congress: African Development Bank, Islamic Development Bank, OCP, EFTA, Eurostat, Medstat, UNECA, and IPUMS. These programmes were managed by the ISI2017 Local Organising Committee.

The ISI and Associations warmly thank all partners and sponsors for their patronage to recognize, support and promote statistical achievements worldwide.

We also express our gratitude to the members of the ISI and Associations who participated in the various selection and awards committees for their outstanding work.

On behalf of the whole ISI family, we congratulate all the winners and awardees for their achievements and wish them every success for the future. We hope that the presentation and acknowledgement during the WSC provides both a highlight and very special memories.

Helen MacGillivray
Chair, ISI Awards Committee

Pedro Silva
ISI President

International Prize in Statistics

The International Prize in Statistics is considered the highest honour in its field, like the acclaimed Fields Medal, Abel Prize, Turing Award and Nobel Prize. It recognizes a major achievement of an individual or team in the field of statistics and promotes understanding of the growing importance and diverse ways statistics, data analysis, probability and the understanding of uncertainty advance society, science, technology and human welfare. With a monetary award of \$75,000, it is given every other year by the International Prize in Statistics Foundation, which is comprised of representatives from the American Statistical Association, International Biometric Society, Institute of Mathematical Statistics, International Statistical Institute and Royal Statistical Society. Recipients are chosen from a selection committee comprised of world-renowned academicians and researchers and officially presented with the award at the World Statistics Congress.

2017 Recipient: **Sir David Cox**



The inaugural recipient of the International Prize in Statistics is the prominent British statistician Sir David Cox for Survival Analysis Model Applied in Medicine, Science, and Engineering. Cox is a giant in the field of statistics, but the International Prize in Statistics Foundation is recognizing him specifically for his 1972 paper in which he developed the proportional hazards model that today bears his name.

The Cox Model is widely used in the analysis of survival data and enables researchers to more easily identify the risks of specific factors for mortality or other survival outcomes among groups of patients with disparate characteristics. From disease risk assessment and treatment evaluation to product liability, school

dropout, reincarceration and AIDS surveillance systems, the Cox Model has been applied essentially in all fields of science, as well as in engineering.

“Professor Cox changed how we analyse and understand the effect of natural or human-induced risk factors on survival outcomes, paving the way for powerful scientific inquiry and discoveries that have impacted human health worldwide,” said Susan Ellenberg, chair of the International Prize in Statistics Foundation. “Use of the ‘Cox Model’ in the physical, medical, life, earth, social and other sciences, as well as engineering fields, has yielded more robust and detailed information that has helped researchers and policymakers address some of society’s most pressing challenges.”

His mark on research is so great that his 1972 paper is one of the three most-cited papers in statistics and ranked 16th in Nature’s list of the top 100 most-cited papers of all time for all fields.

In 2010, Cox received the Copley Medal, the Royal Society’s highest award that has also been bestowed upon such other world-renowned scientists as Peter Higgs, Stephen Hawking, Albert Einstein, Francis Crick and Ronald Fisher. Knighted in 1985, Cox is a fellow of the Royal Society, an honorary fellow of the British Academy and a foreign associate of the U.S. National Academy of Sciences. He has served as president of the Bernoulli Society, Royal Statistical Society and International Statistical Institute.

Cox’s 50-year career included technical and research positions in the private and non-profit sectors, as well as numerous academic appointments as professor or department chair at Birkbeck College, Imperial College of London, Nuffield College and Oxford University. He earned his PhD from the University of Leeds in 1949, after first studying mathematics at St. Johns College. Though he retired in 1994, Cox remains active in the profession in Oxford, England. He considers himself to be a scientist who happens to specialize in the use of statistics, which is defined as the science of learning from data. A foundation of scientific inquiry, statistics is a critical component in the development of public policy and has played fundamental roles in vast areas of human development and scientific exploration.

ISI Mahalanobis International Award in Statistics

This award is given to a selected statistician from a developing country, in recognition of her/his lifetime achievements in Statistics including the promotion of best statistical practices. It is a biennial award sponsored by the Indian Ministry of Statistics and Programme implementation of the Government of India. The award was established in memory of the eminent statistician P.C. Mahalanobis.



Professor P.C. Mahalanobis (1893-1972) was a highly distinguished statistician who made extensive contributions to methodology, applications, statistical development, and public policy. He founded the Indian Statistical Institute and served as an advisor to the Government of India.

2017 Award Winner: **Professor Rahul Mukherjee**

Professor Mukherjee, of the Indian Institute of Management, Calcutta, India, did all his degrees in India and has taught and researched in India all his life, apart from visiting positions in many institutions around the world. He has reached international recognition and influence through his high quality and extensive academic publications



and engagement; through considerable professional service, including editorial boards for extended periods on some major statistical journals; and his teaching and mentoring has contributed greatly to capacity development in a large developing country.

Professor Mukherjee has a lifetime record of truly outstanding research in design of experiments and asymptotic theory of statistical inference, and significant research in survey sampling. He has authored or co-authored 5 books and published over 240 papers, many in major statistical journals including the *Annals of Statistics*, *Biometrika*, *Journal of the Royal Statistical Society B*, *Statistica Sinica*, and *Sankhya*, the Indian journal of statistics founded by Professor Mahalanobis. He has collaborated with several of the leading researchers in statistics worldwide. His original contributions to the methods and theory of sample surveys have found appeal in diverse fields.

ISI Karl Pearson Prize

The Karl Pearson Prize was established in 2013 and it recognises a contemporary research contribution that has had profound influence on statistical theory, methodology, practice, or applications. The contribution can be a research article or a book and must be published within the last three decades. The prize is given biennially and is sponsored by Elsevier.



Karl Pearson (1857-1936) was a key figure in the development of Mathematical Statistics. His contributions include, among others, the correlation coefficient and the Chi-squared statistic for testing goodness-of-fit and for measuring association in contingency tables. He co-founded the journal Biometrika.

2017 Award Winners: Roderick J. Little and Donald B. Rubin for their book "Statistical Analysis With Missing Data", published by John Wiley & Sons in 1987.

The work of Roderick J. Little and Donald B. Rubin, laid out in their seminal 1978 Biometrika papers and 1987 book, updated in 2002, has been no less than defining and transforming. Earlier missing data work was ad hoc at best. Little and Rubin defined the field and provided the methodological and applied communities with a useful and usable taxonomy and a set of key results. Today, their terminology and methodology is used more than ever. Their work has been transforming for the deep impact it had and has on both statistical practice and theory. It is one of the rare topics that has continued for the past thirty years to be studied and developed in academia, government and industry. For example, it plays a key role in the current work on sensitivity analysis with incomplete data.



Roderick J. Little

Roderick J. Little is Richard D. Remington Distinguished University Professor in the Department of Biostatistics at the University of Michigan, USA. Donald B. Rubin is the John L. Loeb Professor of Statistics at Harvard University, USA.



Donald B. Rubin

ISI Jan Tinbergen Awards

The Jan Tinbergen Awards, an initiative of the International Statistical Institute, are given to young statisticians from developing countries for best papers on any topic within the broad field of statistics. Papers are original unpublished works that may include material from the author's university thesis. Each winner receives a monetary prize and is invited to present his or her paper at the ISI World Statistics Congress.

Professor Jan Tinbergen (1903–1994) was a Dutch economist. He was awarded the first Nobel Prize in Economics in 1969, joint with Ragnar Frisch, for the development and application of dynamic models for the analysis of economic processes. He was a founding trustee of Economists for Peace and Security.



2017 1st Prize Winner: **Marcelo Bourguignon Pereira**



Mr Marcelo Bourguignon Pereira from Brazil, received the prize for his paper *“Modelling time series of counts with deflation or inflation of zeros.”*

2017 2nd Prize Winner: **Christian Eduardo Galarza Morales**



Mr Christian Eduardo Galarza Morales from Brazil, received the prize for his paper *“Robust logistic quantile regression models using skewed heavy-tailed distributions.”*

ISI Service Awards 2017

The ISI Service Awards are presented to members who have made outstanding contributions to the ISI and the international statistical community. The 2017 ISI Service Awards go to:

Fabrizio Ruggeri

For outstanding and dedicated leadership and service as SPC Chair for ISI2017, 61st WSC.



Belkacem Abdous

For outstanding and dedicated leadership and service as LPC Chair for ISI2017, 61st WSC.



Hasnae Fdhil

For outstanding and dedicated service to ISI2017, 61st WSC.





Irena Krizman

For outstanding and dedicated leadership and service to ISI and the international statistical community in Statistical Capacity Building developments and innovations, including:

- ISI leadership workshops and meetings across Africa;
 - Global Partnership for Sustainable Development Data;
 - UN World Data Forum, Cape Town, January 2017; and
 - ISI side events to UNSC.
-

BS Ethel Newbold Prize

The Ethel Newbold Prize, supported by Wiley, is awarded biennially to an outstanding statistical scientist for a body of work that represents excellence in research in mathematical statistics, and/or excellence in research that links developments in a substantive field to new advances in statistics. While the name recognizes the historically important role of women in Statistics, the prize itself is for excellence in statistics without reference to the gender of the recipient.

Ethel May Newbold (1882 – 1933) was an English statistician and the first woman to be awarded the Guy Medal in Silver by the Royal Statistical Society. She obtained her PhD from the University of London in 1929. During her short academic career (1921 – 1930) she published 17 papers in statistics and subject matter journals. Most of her published work was undertaken when she was a member of the National Institute of Medical Research, as the member of a committee appointed by the Medical Research Council to coordinate and supervise medical and industrial statistical inquiries.

The winner will be announced during the Awards Ceremony in the 61th World Statistics Congress, in Marrakech, and will be invited to present a talk in a Bernoulli Society sponsored conference.

BS Francisco Aranda-Ordaz Prize

LARC-SLAPEM organises the Francisco Aranda-Ordaz Prize every two or three years. It is a Ph.D. thesis contest sponsored by the Bernoulli Society, created to honour the memory of a distinguished young Mexican statistician who died tragically in 1991. The prize is awarded for one thesis in Probability and one thesis in Statistics written by students from Latin America regardless of the country of the university offering the degree. The winners are invited to present their works at the CLAPEM meeting.

2016 Statistics Prize Winner: **Nicolas Garcia Trillos**

Nicolas Garcia Trillos, Carnegie Mellon University, EEUU, won the prize for his dissertation "*Variational limit of graph cuts on point clouds*" under direction of Dejan Slepcev.



2016 Probability Prize Winner: **Roberto Amaru Cortez Milán**



Roberto Amaru Cortez Milán, Universidad de Chile, won the prize for the dissertation "*Propagación de caos para sistemas de partículas de interacción de salto puro*" under direction of Joaquin Fontbona Torres".

BS Itô Prize

This prize honours the memory and celebrates the legacy of Professor Kiyosi Itô and his seminal contributions to probability theory. It is awarded every two years to the best paper in Stochastic Processes and their Applications published in a period of two years. The authors are invited to present the Itô Prize lecture at the next Conference on Stochastic Processes and their Applications. The prize is sponsored by Elsevier.

2017 Prize Winners: **Noemi Kurt, Adrian Gonzalez Casanova, Anton Wakolbinger, and Linglong Yuan**



Noemi Kurt (left) and Adrian Gonzalez Casanova from the Technical University of Berlin, Anton Wakolbinger from Goethe University, and Linglong Yuan from Uppsala University, won the prize for their joint paper “*An individual-based model for the Lenski experiment, and the deceleration of the relative fitness*”, published in *Stochastic Processes and their Applications* (vol. 126, pp. 2211-2252). Noemi Kurt will give the Itô Prize Lecture at the 39th Conference on Stochastic Processes and their Applications to be held in Moscow, from 24-28 July, 2017. Noemi Kurt received her PhD in mathematics from Zurich University in 2008. She joined the Institute of Mathematics in Technical University of Berlin as a postdoc in 2008, and has been Junior Professor since 2014.

BS Wolfgang Doeblin Prize

*The prize is awarded biennially to a single individual for outstanding research in the field of probability, and who is at the beginning of his or her mathematical career. The Wolfgang Doeblin Prize is supported by Springer. The awardee is to be invited to submit to the journal *Probability Theory and Related Fields* a paper for publication as the Wolfgang Doeblin Prize Article, and is also to be invited to present the Doeblin Prize Lecture at a World Congress of the Bernoulli Society, or at a later Conference on Stochastic Processes and their Applications.*

2016 Prize Winner: Allan Sly



Allan Sly, from Princeton University, USA, received his PhD in statistics from UC Berkeley in 2009 and was a postdoc in the theory group at Microsoft Research, Redmond. He joined the mathematics department at Princeton University in 2016 having been Associate Professor of Statistics at the University of California, Berkeley. Allan Sly will give the Doeblin Prize Lecture at Conference on Stochastic Processes and their Applications to be held in Moscow, 24-28 July, 2017.



BS Bernoulli Prize for Outstanding Survey Articles in Probability

The Bernoulli Prize for an Outstanding Survey Article is to recognize authors of an influential survey publication in the areas of probability and statistics, respectively. Two prizes, one for a paper in probability and one for a paper in statistics, are awarded every two years alternately. A paper in probability was supposed to be presented at the Bernoulli-IMS 9th World Congress in Probability and Statistics in 2016. But the decision has been delayed, and the award is to be presented during the Awards Ceremony in the 61th World Statistics Congress, Marrakech.

2016 Prize Winners: Remi Rhodes and Vincent Vargas



Remi Rhodes (left), from Université Paris-Est, and Vincent Vargas (right), from Ecole Normale Supérieure of Paris, won the prize for their joint paper “*Gaussian multiplicative chaos and applications: A review*”, published in *Probability Surveys*, vol. 11 (pp. 315-392).



Remi Rhodes got his PhD from University of Provence in 2006. He has been Professor at University Paris-Est Marne La Vallée since 2014. Vincent Vargas received his PhD from Université Paris 6 in 2006. He joined Ecole Normale Supérieure of Paris as a CNRS researcher in 2013.

IAOS Prizes for Young Statisticians

The International Association for Official Statistics (IAOS) organises every year a Young Statisticians Prize to encourage more young statisticians to take an active interest in official statistics. Young statisticians who are employed in national or international institutes involved in official statistics are encouraged to submit papers that address and propose solutions to pressing methodological or strategic issues in the area of official statistics at the regional, national or international level.

2016 1st Prize Winner: **Rolando Gonzales Martinez**

Rolando Gonzales Martinez, from Bolivia, received the prize for his paper *“Balancing Input-Output tables with Bayesian Slave-raiding ants”*.



2016 2nd Prize Winner: **Thomas Zimmermann**

Thomas Zimmermann, from Germany, received the prize for his paper *“Variance reduction using a non-informative sampling design”*.



2016 3rd Prize Winners: **Antoine Rebecq and Thomas Merly-Alpa**

Antoine Rebecq (photo) and Thomas Merly-Alpa received the prize for their paper *“CURIOS: A framework to optimize CAPI surveys using paradata”*.



2017 1st Prize Winner: **Hannah Thomas**



Hannah Thomas from the United Kingdom, received the prize for her paper “*The Dissemination Game: How to communicate official statistics to non-expert users*”.

Hannah Thomas

2017 2nd Prize Winner: **Nicholas Husek**

Nicholas Husek from Australia received the prize for his paper “*Telematics Data for Official Statistics: An Experience with Big Data*”.

2017 3rd Prize Winner: **Andreas Mayer**

Andreas Mayer from Australia, received the prize for his paper “*Improving Seasonal Adjustment by Accounting for Sample Error Correlation Using State Space Models*”.



Nicholas Husek and Andreas Mayer

IASC Best Paper Award COMPSTAT 2016

Award for 'best paper' during the 22nd International Conference on Computational Statistics, 23-26 August, 2016, Oviedo, Spain.

Prize Winner: **Thomas Michael Bartlett**

Thomas Michael Bartlett, University of Campinas, Brazil, won the prize for his paper "A multimomental ARMA model: Initial formulation and a case study".

IASC Best Paper Award LACSC 2016

Award for 'best paper' during the 1st Latin American Conference on Statistical Computing, July 22-24, 2016, Gramado, Brazil.

Prize Winners: **Anderson Ara** and **Francisco Louzada**

Anderson Ara and Francisco Louzada, Instituto de Matematica e Estatistica, University of São Paulo, Brazil, won the award for their paper "Alpha skew Gaussian Bayes classifiers".



From left to right: Patrick Groenen (president IASC), Paulo Canas Rodrigues (chairman scientific programme committee), Anderson Ara (winner), Silvia Regina Costa Lopes (chair local organisation committee).

IASC Best Poster Award LACSC 2016

Award for 'best poster' during the 1st Latin American Conference on Statistical Computing, 22-24 July, 2016, Gramado, Brazil.

Prize Winners: Hugo Brango, Nikolai Kolev, and Jayme Pinto

Hugo Brango, Nikolai Kolev, and Jayme Pinto, Instituto de Matematica e Estatistica, University of São Paulo, Brazil, won the prize for their poster 'A weak version of bivariate lack of memory property and applications in finance industry'.

IASC Best Paper Award LACSC 2017

Award for 'best paper' during the 2nd Latin American Conference on Statistical Computing, 9-11 March, 2017, Valparaiso, Chile.

Young researchers are eligible for this award. To be considered for the award, the young researcher must have completed an academic degree within the previous 5 years from the conference and must be a member of the International Association for Statistical Computing (IASC).

Prize Winners: Anderson Ara, Francisco Louzada, and Nikolai Kolev

Anderson Ara, Francisco Louzada, and Nikolai Kolev, Instituto de Matematica e Estatistica, University of São Paulo, Brazil, won the prize for their paper 'A comparison of copula methods in Bayesian network classifiers'.



From left to right: Paulo Canas Rodrigues (chair Latin-American Regional Section of IASC), Anderson Ara (winner), Emilio Porcu (chair of the programme committee).

IASE-ISLP Poster Competition Awards



The goal of the International Statistical Literacy Poster Competition (ISLP) is to increase awareness of statistics among students and teachers throughout the world, to promote statistical literacy resources and to bring together parties interested in statistical literacy in each country.

The Poster Competition is open to teams of two to three students in two age divisions: students born in 2000 and after, and students born in 1997 and after. Posters must be the original design and creation of the students, but are submitted by teachers to country coordinators. The posters are first judged within their countries, and the posters of the winners in each country are then submitted to the ISLP international panel. Over 12,000 students from at least 23 countries participated in this year's competition, Technology Industries of Finland Centennial sponsored the Award.

2017 Prize Winners:

Older division (students born in or after 1997):

Bernise Roelofse and Berdine Roelofse,
Baldivis Secondary College, Australia



Younger division (students born in or after 2000):

Jo Yuna and Lee Yena,
Seoul Dongho Elementary school, South Korea



IASE-ISLP Best Cooperative Project Award in Statistical Literacy

This is a biennial award given in recognition of outstanding, innovative, and influential statistical literacy projects that affect a broad segment of the general public and are fruit of the cooperation between different types of institutions (national statistical offices, schools, universities, statistical societies, media, libraries, etc.) and make creative use of available resources.

The projects were judged by the ISLP international panel, and the award is sponsored by Technology Industries of Finland Centennial.

Project title: **The National Schools' Poster Competition – Australia**

Project leader: **Prof Peter Howley, The University of Newcastle (Australia)**

IASS Cochran-Hansen Prize

The Cochran-Hansen Prize was established by the International Association of Survey Statisticians in 1999, on the occasion of its 25th anniversary. The biennial award is given to the best papers in survey research methods. Participation in the competition for the Prize is open to young statisticians from developing or transitional countries. The winner of the Prize is invited to present his paper at the ISI World Statistics Congress.

2017 Prize Winner: **Girish Chandra**



Girish Chandra received the prize for his paper "Ranked Set Sampling Approach for Estimating Response of Developmental Programs with Linear Impacts under Successive Phases", which he co-authored with Rajiv Pandey and D.S. Bhoj. Girish Chandra and Rajiv Pandey are Statisticians at the Division of Forestry Statistics, Indian

Council of Forestry Research and Education, Dehradun, India. D.S. Bhoj is Professor at the Department of Mathematical Sciences, Rutgers University, Camden, USA.

ISBIS William Sealy Gosset Award

The William Sealy Gosset award is presented by the International Society of Business and Industrial Statistics in recognition of outstanding statistical work that furthers the mission of our society. The inaugural edition of the award (2015) was granted to Bill Meeker.



2016 Award Winner: **Vijay Nair**

Vijay Nair is Donald A. Darling Professor of Statistics and Professor of Industrial and Operations Engineering at the University of Michigan, Ann Arbor, USA. He served as ISI President during 2013-2015.

ISBIS Best Paper Competition for Young Researchers

During the closing ceremony of the ISBIS 2016 conference in Barcelona, the winners of the ASA/NISS Best y-BIS Paper Awards were announced.



2016 1st Prize Winner: **Tahir Ekin**

Tahir Ekin from Texas State University in the USA received the prize for his paper “*An Unsupervised Bayesian Hierarchical Method for Medical Fraud Assessment*”.

2016 2nd Prize Winner: **Carlos Trucíos**

Carlos Trucíos from the University of Campinas in Brazil received the prize for his paper “*Measuring the Effect of the Uncertainty in the Estimation of the Conditional Covariance Matrix in Portfolio Selection and Portfolio Risk Measures*”.



2016 3rd Prize Winner: **Rahim Mahmoudvand**

Rahim Mahmoudvand from Bu-Ali Sina University, Hamedan, Iran, received the prize for his paper "A New Parsimonious Vector Forecasting Model in Singular Spectrum Analysis".

ISBIS Best Poster Award

Award for the best poster presented at the International Symposium for Business and Industrials Statistics, 8-10 June, 2016, Barcelona, Spain.

2016 Winner: **Jorge Saavedra Torrico**



Jorge Saavedra Torrico of the Pontificia Universidad Catolica de Valparaiso, won the award for his poster entitled "Elucidating the Shelf-Life Kinetic of Apple Snack Food Product by Covariate Modeling: Use of Orthogonal Partial Least Squares (O-PLS)".

TIES Abdel El-Shaarawi Young Researcher's Award

This annual award was established in 2001 in the name of Professor Abdel El-Shaarawi, the first President of The International Environmetrics Society (TIES), in recognition of his outstanding contributions and dedication to TIES.

2016 Award Winner: Ying Sun

Ying Sun, from King Abdullah University of Science and Technology, Saudi Arabia, received the award for "outstanding contributions to Environmental Statistics, in particular in the areas of spatio-temporal statistics and functional data analysis and visualization and for her distinguished service to the profession."



Ying Sun receives the Award during the 26th Annual Conference of the International Environmetrics Society (TIES), 18-22 July 2016, in Edinburgh.

TIES-Wiley Best Student Presentation Award

The Best Student Presentation Award recognises a student's research that has relevance to environmetrics and is presented at the TIES conference by the student. The award winner for 2016 presented her paper at the 26th edition of the conference that took place in Edinburgh, from 18-22 July 2016.

2016 Award Winner: **Marnie McLean**

Marnie McLean, from the University of Glasgow, UK, received the award for her paper "*Modelling groundwater contamination: a comparison of spatial and spatiotemporal methods*".

World Bank Trust Fund for Statistical Capacity Building

The World Bank Trust Fund for Statistical Capacity Building (WB TFSCB) supported the participation of several delegates from developing countries at this World Statistics Congress and its satellite meetings. The objective of the WB TFSCB is to improve the capacity of statistical officers and academics in developing countries by improving their statistical knowledge to develop statistical systems through the participation in international conferences and workshops. The ISI expresses its deep appreciation to the World Bank for this sponsorship.

The following individuals received funding for participation in the 61st ISI WSC in Marrakech:

Ms Aberash Abaye (Ethiopia)
Prof Vera Tomazella (Brazil)
Mr Bako Dramane (Burkina Faso)
Prof Ruslan Motoryn (Ukraine)
Mr Wei Zhou (China)
Mrs Thuy Le Thi Minh (Vietnam)
Dr Dorcas Okewole (Nigeria)
Mrs Nihan Acar Denizli (Turkey)
Mrs Halimeh Said (Palestine)
Mrs Jasleen Kaur (India)
Prof Bhaswati Ganguli (India)
Ms Selamawit Moja (Ethiopia)
Dr Mohammad Arashi (Iran)
Dr Kostiantyn Ralchenko (Ukraine)
Dr Muhammad Amin (Pakistan)
Mrs Agnes Mary Ssekiboobo (Uganda)
Mr Nabil Awan (Bangladesh)
Ms Chinonye Obichili (Nigeria)
Dr Antar Bandyopadhyay (India)
Ms Lillian Siziba (Zimbabwe)
Ms Aneth Kalinjuma (Tanzania)
Dr Feng Zhen (China)
Mr Murendeni Nemukula (South Africa)
Prof Eniuce Souza (Brazil)
Prof Ashis SenGupta (India)
Dr Carla Vivacqua (Brazil)
Prof Cristina Cuesta (Argentina)

Mr Olugbemi Olujimi (Nigeria)
Prof Sankaran Paduthol (India)
Dr Paulo Tadeu Oliveira (Brazil)
Dr Alejandra Mercedes Martinez (Argentina)
Dr Oluwaseun Aramide Otekunrin (Nigeria)
Ms Pamela Chikodi Achinonu (Nigeria)
Prof Dhiman Bhadra (India)
Mr Md. Tuhin Sheikh (Bangladesh)
Ms Andressa Nunes Siroky (Brazil)
Dr Abosede Adedayo Adepoju (Nigeria)
Dr Sumonkanti Das (Bangladesh)
Mr Marcos Miguel Prunello (Argentina)
Ms Embarika Abouellail (Egypt)
Dr Fethi Saban Ozbek (Turkey)

Statistics South Africa Fund

This fund was originally established by Statistics South Africa for the ISI WSC 2009 in Durban, South Africa. It has continued to support the participation of young African statisticians in the WSCs.

The following young statistician received funding for participation in the 61st ISI WSC in Marrakech:

Maremba Thanyani (South Africa)

Joint ISI + IBS Initiative for 2017 World Statistics Congress

This is the first edition of the prize. The International Statistical Institute (ISI) and the International Biometric Society (IBS) have jointly sponsored an initiative to fund two young statisticians, members of the IBS, to participate in the 2017 World Statistics Congress (WSC).

As "young statistician" was considered someone who has obtained their most recent statistics qualification in the last ten years, i.e. their PhD (or latest degree in statistics) was awarded after 2006. More than 30 applications were received from Argentina, Australia, Brazil, Canada, Chile, Georgia, India, Kenya, Malawi, Nigeria, New Zealand, Spain, Uganda, UK, USA, and Zimbabwe. The successful candidates were required to submit an oral paper or a poster for presentation at the 2017 WSC. The award winners are expected to join the ISI and its Young Statisticians Section to help promote collaboration between the young statisticians of ISI and IBS.

2017 Award Winners: **Fernando Matías Aquate** and **Annette Wakaanya Okoth**



Mr Fernando Aquate from Argentina, is a PhD candidate at Universidad Nacional de Córdoba, Argentina (2013), and a Master's student in Applied Statistics at the same University (2014). His initial degree is on Agricultural Engineering (2012).



Ms Annette Okoth from Kenya is a PhD Student in Statistics, at Masinde Muliro University of Science and Technology, Kakamega, Kenya. She holds a Msc. in Statistics (2012) from the same University.

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