

Conference Timetable

THURSDAY 13th August 2009

VENUE: Sica's Guest House, Garden Room

08:00 Conference Registration

18:00 Welcome Reception

FRIDAY 14TH August 2009

08:00-09:00 Registration (For those not registered on Thursday)

GARDEN ROOM

09:00-09:35 **SESSION 0: Opening Session – Conference Welcome, IASE President’s Address etc.**

SESSION 1: The Big Picture – Where Next for Statistics Education?

09:40-10:00 1.1 Patrick Murphy *What do we do now? The next steps required for Statistics Education.*
10:00-10:20 1.2 Helen Mc Gillivray *Some principles of flows and steps in designing tertiary statistics curricula for learning*
10:20-10:40 1.3 Roxy Peck *Developing Statistical Reasoning in a “Piecemeal” Secondary Statistics Curriculum—
The Next Step*

10:40-11:00 Tea/Coffee

SESSION 2: Beyond the Introductory Statistics Course

11:00-11:20 2.1 Ruth Allen *Next steps in Statistics Education: Successful Service Teaching*
11:20-11:40 2.2 Elisabeth Svensson *Experiencing the complexity of reality before graduation*
11:40-12:00 2.3 Hans Van Buuren *Making statistics meaningful: The merits of a competence-based approach*
12:00- 12:20 2.4 Pam Arroyo *Statistics Education Graduate Programmes*

12:20-13:40 Lunch

SESSION 3: Curriculum Content and Teaching Methodologies 1

13:40-14:00 3.1 Allan Rossman *A Randomization-Based Curriculum for Introductory Statistics*
14:00-14:20 3.2 Dirk Tempelaar *What type of students prefer what components of a blended learning environment?*
14:20-14:40 3.3 Giovanni Alfredo Barbieri and Paola Giacché *Turning web 2.0 tools into tools for teaching statistics*
15:00-15:20 3.4 John Marriott *Helping Undergraduates to Contribute to an Evidence Based World*
15:20-15:40 3.5 Tae Rim Lee *Web Based New Paradigm of Statistics Education*

15:40-16:00 Tea/Coffee

SESSION 4: Statistics Education and the Wider Society

16:00-16:20 4.1 James Nicholson *One Small Step for a Pupil - One Giant Leap for Citizens*
16:20-16:40 4.2 Jim Ridgway *The Next Great Leap – from Official Data to Public Knowledge*
16:40-17:00 4.3 Therese Wilson *How do experts think about statistics? Hints for improving undergraduate and
postgraduate training*

SATURDAY 15TH August 2009

PALMS ROOM

SESSION 6: Special Session on Statistics Education in Africa

9:00 -10:20

- 6.1 Brian Phillips
- 6.2 Delia North
- 6.3 Elisabeth Basson
- 6.4 Jackie Scheiber
- 6.5 Discussion

Please note this session is a special session which will involve short presentations followed by a longer floor discussion. Anyone interested in the future of Statistics Education in Africa is encouraged to attend and participate in the discussion.

10:20-10:40 Tea/Coffee

SESSION 8: Curriculum Content and Teaching Methodologies 2

10:40-11:00

8.1 Elisabeth Basson

Large group teaching and technology – don't throw the baby out with the bathwater

11:00-11:20

8.2 James Hammerman

Exploring large scientific data sets as an entrée to statistical ideas in secondary schools

11:20-11:40

8.3 Navneet Dhand

Scenario-based approach for teaching biostatistics to veterinary students

11:40-12:00

8.4 Adam Molnar and Jill Price

The homeless average age 9? A Curricular Example

12:00-12:20

8.5 Anna Dorothea Corbett

The Impact of Assessment Practices on Students' Approach to Learning in Statistics

12:20-13:40 Lunch

13:40-15:00

SESSION 10: Special Workshop

James Nicholson and Jim Ridgway

SATURDAY 15TH August 2009

GARDEN ROOM

SESSION 5: Training Statistical Educators

9:00-9:20	5.1 Alejandra Sorto	<i>Towards measuring technological pedagogical content knowledge in statistics</i>
9:20-9:40	5.2 Aisling Leavy	<i>Identifying teacher professional development needs for teaching the data analysis component of primary level mathematics</i>
9:40-10:00	5.3 Joy Mirasol	<i>Statistical Capacity Development Among Faculty: The Bukidnon State University Experience.</i>
10:00-10:20	5.4 Rossi Hassad	<i>Development and validation of a teaching practice scale (TISS) for instructors of introductory statistics at the college level</i>

10:20:10:40 Tea/Coffee

SESSION 7: Statistics Education at School Level

10:40-11:00	7.1 Jennifer Pange	<i>Probability estimations and graph representations by preschoolers, without previous instruction.</i>
11:00-11:20	7.2 Doreen Connor	<i>Process Skills & Statistical Education</i>
11:20-11:40	7.3 Neville Davies and Doreen Connor	<i>Real Data At School: New Experiences with Interactive Methods of Data Exploration for Teachers</i>
11:40-12:00	7.4 John Harraway	<i>Learning Statistics in the Senior School using illustrated real data in context</i>

12:00-13:40 Lunch

SESSION 9: Statistics Education for the Workplace

13:40-14:00	9.1 Charles Opolot-Okurut	<i>Undergraduate statistics curriculum for the workplace: A case study of public universities in Uganda</i>
14:00-14:20	9.2 Sharleen Forbes	<i>Creation and evaluation of a workplace based certificate in official statistics for government policy makers</i>
14:20-14.40	9.3 Penelope Bidgood	<i>Helping students prepare for their future working</i>
14:40-15:00	9.4 Magued I. Osman	<i>What do statisticians working in policy research need from statistical education?</i>

Tea/Coffee

15:20-16:40 **SESSION 11: Special Forum on the Future of Statistics Education**