

IASE Satellite Conference on Statistics Education and the Communication of Statistics

Conference Schedule: April 4-5, 2005

Monday, April 4, 2005

- 08:30-9:00** **Registration and Coffee**
09:00-9:15 **Opening and Announcements** Brian Phillips/ Chris Wild
- 09:15-9:50** **Session I - Keynote Speaker**
Chair: Brian Phillips
To Tell the Truth: What We Know About Lie Detection Stephen Fienberg
- 09:50-12:20** **Session II - Writing Reports of Statistical Studies**
Chair: Larry Weldon
- 09:50-10:10 The Implications Introducing Report Writing Into an Introductory
Statistics Subject Kay Lipson/Sue Kokonis
- 10:10-10:30 Helping Students Find Their Statistical Voices Helen MacGillivray
- 10:30-11:00 **Coffee Break**
- 11:00-11:20 There's More to Statistics than Computation – Teaching Students
How to Communicate Statistical Results Roxy Peck
- 11:20-11:40 An Approach to Report Writing in Statistics Courses Glenda Francis
- 11:40-12:00 Teaching Students to Write About Statistics
Mike Forster/David P.Smith/Christopher J. Wild
- 12:00-12:20 Enabling Students to Communicate Statistical Findings
Tania Prvan/Judith Ascione
- 12:20-2:00 **Lunch - Provided**
- 2:00-4:25** **Session III - Role of Graphics in Communication of Statistics**
Chair: Peter Petocz
- 2:00-2:20 Interval Estimates for Statistical Communication: Problems and
Possible Solutions Geoff Cumming/Fiona Fidler
- 2:20-2:40 Using Amos Graphics to Enhance the Understanding and
Communication of Multiple Regression
Everarda Cunningham/Wei C. Wang
- 2:40-3:00 Graphart Hilary Green
- 3:00-3:10 **Short Break**
- 3:10-3:30 Visualising Data With Dynamic Graphics in Excel
Harold Henderson
- 3:30-3:50 Enhancing Effective Communication of Statistical Analysis to
Non-Statistical Audiences Peter Martin
- 3:50-4:10 From Data to Graphs to Words, But Where are the Models?
K. Larry Weldon

5:00-10:00 Ferry Trip and Dinner – Note times carefully.

Phoenix Restaurant, Manly Wharf

Use your own transport preference to go from the conference venue to Circular Quay, Bus/Train/Taxi. It is recommended you take a bus from just outside the conference venue. Ferries leave at regular intervals from the Manly Ferry Terminal at Circular Quay. We suggest you take the ferry that leaves at 5:45 pm, arriving about 30 minutes later. Walkabout Manly and the Ocean Beach returning to the Phoenix Restaurant on Manly Wharf (right next to the Ferry terminal) between 7:00 and 7.30 pm. At the end of dinner take a Ferry from Manly back to Circular Quay. We suggest you take the ferry that leaves

at 10:15 pm arriving at Circular Quay at 10:45 pm. Participants then need to make their own way to their respective accommodations. Ferry tickets will be distributed at the conference.

Note: Alternative Departure times from Circular Quay: 5.20 pm (have extra time at Manly) 6:20 pm (miss walkabout).

Alternative Return times back from Manly: 9:30 pm, 11:00 pm, 11:45 pm, 12:20 pm

If you have a partner or friend attending the dinner, they can either meet you at the conference venue after 4.15 pm or at the Manly Ferry Terminal at Circular Quay. It may be possible to return to a nearby hotel first and meet the rest of the group at the Manly Ferry Terminal eg using taxis, though that is probably best avoided.

Tuesday, April 5, 2005

8:45-9:00 Morning Smile

9:00-12:10 Session IV - Outreach to Public and Schools

Chair: Kay Lipson

9:00-9:20 Statistics and the Media Wayne Smith

9:20-9:40 The Role of National Statistics Institutions in the Use and Understanding of Official Statistics in the Compulsory Education Sector Gareth McGuinness/Lesley Hooper

9:40-10:00 Data Analysis or How High School Students "Read" Statistics Sylvain Vermette/Linda Gattuso/Marc Bourdeau

10:00-10:20 Communicating Student Performance Data to School Teachers Philip Holmes-Smith

10:20-10:30 Open Discussion

10:30-11:00 Coffee Break/Snack

11:00-11:20 Pilot Study into the Use and Usefulness of Instant Messaging Within an Educational Context Rachel Cunliffe

11:20-11:40 Distance Learning: New Frontiers for Solving Old Problems Gianfranco Galmacci/ Anna Maria Milito

11:40-12:00 Helping Students to Communicate Statistics Better Neville Davies/Doreen Connor

12:00-12:10 Open Discussion

12:10-12:40 Coffee Break/Snack

12:40-2:30 Session V - Understanding the Language of Statistics

Chair: Irena Ograjensek

12:40-1:00 Servicing Students Communicating Ideas About Statistics Peter Petocz/Anna Reid

1:00-1:20 How Important are Communication Skills for "Good" Statistics Students? – An International Perspective Sue Gordon

1:20-1:40 University-Level Data Analysis Courses With the Emphasis on Understanding and Communication of Statistics – A Ten Years Action Research Project Katrin Niglas/Kairi Osula

1:40-2:00 Statistical Prevarication: Telling Half Truths Using Statistics Milo Schield

2:00-2:10 Open Discussion

2:10-2:30 Announcements and Closing Lipson/Weldon

3.30 ISI Opening Session, Sydney Convention Centre, Darling Harbour