

THE CAMBRIDGE STATISTICS DISCUSSION GROUP

Tuesday 19th October 2010 7:15 for 7:45

Large Lecture Theatre,
MRC Cognition and Brain Sciences Unit,
Chaucer Road, Cambridge, CB2 7EF

The Good, The Bad and The Ugly of Lean Six Sigma

Martin Gibson

Formerly EMC Europe, Director of Lean Six Sigma

Abstract: Over the last two decades "Six Sigma" has become a global phenomenon with many claims about its success. "Lean" has also become another improvement methodology which originated from Toyota. Many organisations have a preference of one methodology over the other with some trying to embrace both in a merged "Lean Six Sigma" programme.

Six Sigma uses a structured format (DMAIC) to achieve variation reduction while Lean focuses on reducing waste. Certainly any organisation will achieve localised improvements through Lean Six Sigma but what exactly is required to bring organisational improvement especially in these hard economic times? Through working in process improvement and systems thinking over the last 20 years, I will go through some personal experiences of "The Good, The Bad and The Ugly of Lean Six Sigma", and finish with what must be done to if organisations are to succeed.

Speaker: Martin has worked extensively in applying statistical and systems thinking in transforming traditional quality methods into measurable process improvements in the Automotive (OEM & Suppliers), Electronics, IT, Medical Devices, Oil, Paper, Telecommunications and Whisky sectors. He is a Chartered Statistician, Chartered Scientist and certified Lean Six Sigma Master Black Belt with over 20 years experience of applying continual improvement across organisations.

Martin has contributed papers to the TQM World Congress Series on Quality Planning, Statistics and Reliability and has been an invited speaker to South Yorkshire Excellence, Royal Statistical Society, Institute of Electrical Engineers, Institute of Physics and The Deming Forum, on Process Improvement, Quality, Six Sigma and Design of Experiments. Martin's specific areas of expertise include Systems Thinking, Change Management, Lean Six Sigma, Process Improvement, Advanced Quality Planning and Robustness.

Annual General Meeting: Martin's talk will be preceded by a brief Annual General Meeting.

Directions Chaucer Road is off Trumpington Road – if you are heading away from the city centre it is the first right after the junction with Brooklands Avenue. Number 15 is at the end on the left and is a large Victorian House with a more modern extension to its right. The entrance is in the porch located in the middle of the older section on the left as you come in and is accessed by ascending a few steps from the car park. Cars may be parked there. The outside door will be locked at 7:45.

Arrivals after 7:45pm can gain admittance by contacting the secretary on 07761769436. A map showing the location of the unit is at <http://www.mrc-cbu.cam.ac.uk/contacts/directions>.

Provisional Next Meetings:

24th November – Peter Ludford (Cambridgeshire County Council) on 'Keep Calm and Carry On - the evolution of post-war emergency planning and its role in the 21st century'.

1st February 2011 – Simon Day (Roche Products Ltd) on 'What constitutes adequate strength of evidence?'

23rd February – David Pencheon (NHS Sustainable Development Unit) on 'Head in the sand or Line in the sand: measuring progress of the public sector into a low carbon world'.

Supper: Some members eat before a talk at the University Centre meeting in the downstairs bar at **5-45pm**. All welcome !

Secretary: Peter Watson, MRC Cognition and Brain Sciences Unit, 15 Chaucer Road, Cambridge CB2 7EF; telephone 01223 355294 Extension 801; E-mail peter.watson@mrc-cbu.cam.ac.uk

For security purposes could you please let Peter Watson know if you intend attending the talk.

Take a look at our website: <http://www.mrc-cbu.cam.ac.uk/people/peter.watson/csdg.html>

TURN OVER for the Annual General Meeting agenda

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Annual General Meeting

The annual general meeting will be followed immediately by Martin Gibson's talk 'The good, the bad and the ugly of Lean Six Sigma'.

Agenda:

0. Approval of Minutes of previous A.G.M.
(<http://imaging.mrc-cbu.cam.ac.uk/statswiki/csdg/newtalks>)
1. Treasurer's Report.
2. Secretary's Report.
3. Election of Chairman, Secretary, Treasurer, plus 3 other members of the Committee.
4. Any Other Business.

Rules for Election:

1. **FRANCISE:** All paid-up members may vote or stand for office.
2. **NOMINATIONS:** The offices to be filled are Chairman, Secretary and Treasurer and three other members of the Committee.

An outgoing Chairman will be a member of the Committee *ex officio*. At the end of each year the entire Committee will stand down, but may stand again for the same office as they are leaving without nomination. To be elected to a different office a candidate must be nominated by one person from the paid-up membership, not including himself. Nominations do not require a seconder to be valid, but do require the consent of the nominee. One person can be nominated for more than one office, but hold only one. If a person is elected to a higher office (according to the ordering given below) he or she automatically ceases to be a candidate for a lower office. A candidate for the post of Chairman, Secretary, Treasurer is automatically a candidate for the Committee if he or she fails to gain election to one of these three posts.

TURN OVER for directions to the Cognition and Brain Sciences Unit and abstract of Martin's talk