

## **Nuanpan Lawson**

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## **CURRICULUM VITAE**

### **Home Address**

474 / 64 Little Bangkok, Charansanitwong 92, Bangor, Bangplad,  
Bangkok 10700, Thailand

### **Place and Date of Birth:**

Bangkok, Thailand, January 19

**Nationality:** Thai

### **Education:**

Doctor of Philosophy in Social Statistics (PhD), University of  
Southampton, UK 2014.

Master of Science in Statistics (M.Sc.) with GPA 3.92, Chulalongkorn  
University, Bangkok, Thailand, 2000.

Bachelor of Science in Applied Statistics (B.Sc.) First Class Honours,  
King Mongkut's Institute of Technology North Bangkok, Bangkok,  
Thailand, 1997.

## **Training:**

3 months course in Regression Analysis at University of Technology, Sydney, Australia in 2002.

## **Experience:**

July 1999 – May 2006, Lecturer, Department of Applied Statistics, Faculty of Applied Science, King Mongkut's University of Technology North Bangkok

June 2006 – Present, Assistant Professor, Department of Applied Statistics, Faculty of Applied Science, King Mongkut's University of Technology North Bangkok

## **Presentations:**

- 1) Nangsue(Lawson), Nuanpan and Berger, Yves G. (2013). A Weighting Method for Stratified Two-Stage Sampling. *ITACOSM2013*, 26--28 June 2013, University of Milano - Bicocca, Italy.
- 2) Nangsue(Lawson), Nuanpan. Estimation of Cluster-level Regression Model under Nonresponse within Clusters.(2013). *Proceeding of the Graybill Conference Modern Survey Statistics*, June 9-12, 2013, Colorado State University-Fort Collins, Colorado, USA.
- 3) Nangsue(Lawson), Nuanpan. Adjusting for Nonresponse in the Analysis of Sample Survey Data. (2011). *Proceeding of the 34<sup>th</sup> Research Students' Conference in Probability and Statistics*, 4<sup>th</sup>-7<sup>th</sup> April 2011, University of Cambridge, UK.
- 4) Nangsue(Lawson), N. and Sappakitkamjorn, J.(2008). Variance Estimation of the Ratio Estimator of the Population Mean in Simple Random Sampling. *Proceeding of the Third Workshop on Statistics, Mathematics and Computation and First Portuguese-Polish Workshop on Biometry*, 21-22 July 2008, Lisbon, Portugal.
- 5) Nangsue(Lawson), N. and Bodhisuwan, W.(2007). Capture-Recapture Method for Estimation of Population Size on Several Occasions. *Proceeding of the International Conference of Statistics under One Umbrella*, 27-30 March 2007, Bielefeld University, Bielefeld, Germany.
- 6) Nangsue(Lawson), N.(2006). Forecasting the Value of Thai Silk Exports. *Proceeding of the 26<sup>th</sup> Conference on Applied Statistics in Ireland, CASI 2006*, 17-19 May 2006. Cork, Ireland.

- 7) Nangsue(Lawson), N.(2004). Comparing some Estimators using the Capture-Recapture Method for Estimation of Population Size presented at *the 5<sup>th</sup> Statistical Conference held in North Thailand 27-29 May, 2004 at Chiangmai University, Chiangmai.*

### **Publications:**

- 1) Nangsue(Lawson), Nuanpan and Berger, Yves G.(2014). Optimal Regression Estimator for Stratified Two-Stage Sampling. *Contributions to Sampling Statistics*. Cham, CH, Springer, 167-177.(Contributions to Statistics).
- 2) Nangsue(Lawson), N. (2009). Adjusted Ratio and Regression Type Estimators for Estimation of Population Mean when some Observations are missing, *World Academy of Science, Engineering and Technology*, Vol:3: 654-657.
- 3) Nangsue(Lawson), N.(2005). Application of Capture-Recapture Method for Estimation of Population Size in Epidemiology. *The Journal of King Mongkut's Institute of Technology North Bangkok*. Vol. 15, NO.3, July-September.

### **Working Papers :**

1. Skinner, C and Lawson, N. Working paper on Estimation of Cluster-level Regression Model under Nonresponse within Clusters.
2. Lawson, N. Working paper on Ratio Estimators of Population Means using Quartile Function of Auxiliary Variable for Double Sampling.

### **Awards:**

- 1) Bachelor of Science in Applied Statistics (First Class Honours), March 20, 1997.
- 2) A certificate for being the top student in year 2 of Bachelor of Science in Applied Statistics,1995.
- 3) A certificate for being the top student in year 3 of Bachelor of Science in Applied Statistics,1996.

- 4) Scholarship to study in year 3 and year 4 of Bachelor of Science in Applied Statistics, 1996-1997.
- 5) A prize for being the top student in year 1 of Master of Science in Statistics, 1998.
- 6) Scholarship to study in year 1 and year 2 of Master of Science in Statistics, 1998-1999.

**Research Interest:**

- Non-response in Sample Survey
- Survey Methodology
- Regression Analysis