

## CURRICULUM VITAE



### SHAMSHURITAWATI SHARIF

COLLEGE OF ARTS AND SCIENCES  
UNIVERSITI UTARA MALAYSIA  
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### PERSONAL PARTICULAR

Date of Birth	:	19 Mac 1977
Age	:	34 years
Gender	:	Female
Marital Status	:	Single
Health	:	Excellent
Race	:	Malay
Religion	:	Islam
Place of Birth	:	Kedah Darul Aman
Nationality	:	Malaysian
Language	:	Malay, English (IELTS : 6.0)
Field of Interest	:	Applied Statistics / Statistical Modelling/ Multivariate Analysis
Research Interest	:	Correlation Analysis, Network Topology, Quality Control, Centrality Measure

**EDUCATION**

- 2001 - 2003 : Universiti Utara Malaysia (UUM)  
Sintok, Kedah.  
**Masters in Science (Decision Sciences)**
- 1998 - 2000 : Universiti Teknologi MARA (UiTM)  
Shah Alam, Selangor  
**Bachelor of Science with Honor (Statistics)**
- 1995 – 1998 : Universiti Teknologi MARA (UiTM)  
Shah Alam, Selangor  
**Diploma in Statistics**

**WORKING EXPERIENCE**

- Nov 2002 – until now : Lecturer  
College of Arts and Sciences  
Universiti Utara Malaysia
- Jan 2008 - Julai 2008 : Industrial Statistics Coordinator  
College Arts and Sciences  
Universiti Utara Malaysia
- Jan 2007 – Julai 2008 : Co-curricular Coordinator  
Co-curricular Centre  
Universiti Utara Malaysia
- Jun 2000 – Oct 2002 : Tutor  
Faculty of Quantitative Sciences  
Universiti Utara Malaysia

**COURSES TAUGHT**

- |                                 |                           |
|---------------------------------|---------------------------|
| Advance Data Analysis           | Nonparametric Statistics  |
| Statistical Distribution Theory | Statistical Modelling     |
| Applied Statistics              | Structural Equation Model |
| Elementary Statistics           | Elementary Statistics     |

**RESEARCH EXPERIENCE**

- May 2004 : Tracer Study on Graduate of Bachelor of Science (Decision Sciences), (Prof. Dr. Abdul Razak Saleh, Shamshuritawati Sharif, Rosmaini Kashim)
- May 2008 : Student's Satisfaction Towards the Co-curricular Trainer in UUM (Shamshuritawati Sharif)

**ACHIEVEMENT & AWARD**

Excellence Service Award 2004 (Universiti Utara Malaysia)

**MEMBERSHIP**

Institut Statistik Malaysia (ISM)  
Persatuan Sains Matematik Malaysia (PERSAMA)

**PUBLICATION****Journal**

Norazah Mohd Suki, Shamshuritawati Sharif & Norbayah Mohd Suki (2008). "Measuring Student's Satisfaction Towards The Co-curricular Trainers: An Application of Structural Equation Modelling Technique". *Labuan e-Journal of Muamalat and Society*. 2, 36-45.

Norazah Mohd Suki, Shamshuritawati Sharif & Norbayah Mohd Suki (2009). Student's Satisfaction Index (SSCT Model) : An Application of Structural Equation Model' IIMT Journal, No. 01, 2009.

Sharif, S., Djauhari, M. A. & Djauhari, H. (2012). *Worker's Behaviour in Manufacturing Industry: An Evidence from a Minimum Spanning Tree*. Journal of Fundamental Sciences, vol. 6, no. 1, pp. 9-14.

Sharif, S. & Djauhari, M. A. (2012). *A Centrality Measure in Currency Exchange Rate*. *Sains Malaysiana* (Index by SCOPUS, IF : 0.362) (Waiting for Publication)

Sharif, S. & Djauhari, M. A. (2011, Dec). *Correlation Network Analysis of Safety Culture Using Minimum Spanning Tree*. UTHM (Waiting for Publication)

Shamshuritawati Sharif, Nur Syahidah Yusoff (2012). Network Topology of Foreign Exchange Rate. Journal of Information and Communication Technology. (Submitted)

Sharif, S. & Djauhari, M. A. (2012). Identifying the Signal in Process Variability: A Case Study in Petrochemical Industry. Jurnal Teknologi (Sains dan Teknologi). (Submitted)

Nur Syahidah Yusoff, Shamshuritawati Sharif & Maman Abdurachman Djauhari. (2012). Understanding the Shift Of Correlation Matrices During Financial Crisis: A Network Topology. Jurnal Teknologi (Sains dan Teknologi). (Submitted)

Sharif, S., Djauhari, M. A. & Djauhari, H. (2012). Correlation Network Analysis on Worker's Behaviour and Safety Culture: An Experience in Manufacturing Industry. *International Journal of Basic & Applied Sciences (IJBAS)*. (Submitted)

Nur Syahidah Yusoff, Maman A. Djauhari, Shamshuritawati Sharif & Ebi Shahrin Suleiman (2012). Organizational Commitment in Malaysian Public University: An Evidence via Social Network Analysis. *International Journal of Basic & Applied Sciences (IJBAS)*. (Submitted)

**Book Chapter**

S. Sharif, Djauhari, H & Abdul Ghani, A. A. (2012). Safety Culture And Worker's Behaviour In Malaysia Manufacturing Sector: A Correlation Networks Analysis. In M.A. Djauhari (Editor) "Statistics In Scientific Investigations". Universiti Teknologi Malaysia Press (To Appear).

**Modul**

Data Analysis Using SPSS

Applied Statistics QQS2013

SPSS and AMOS; Correlation and Regression Analysis (In progress)

**Conference**

Tracer Study on Graduate of Bachelor of Science (Decision Sciences): Proceedings of the National Seminar on Socio-Economic and Information Technology, Universiti Utara Malaysia. (Prof. Dr. Abdul Razak Saleh, Shamshuritawati Sharif, Rosmaini Kashim)

Shamshuritawati Sharif & Norazah Mohd Suki (2008). "Determination and Verification of Factor Structured : A Study on Student's Satisfaction". Proceedings of 4<sup>th</sup>. International Conference on University Learning and Teaching, Shah Alam, 50.

Shamshuritawati Sharif & Norazah Mohd Suki (2008). "Student's Satisfaction Index (SSCT Model): An Application of Structural Equation Model ". Proceedings of 4<sup>th</sup>. International Conference on University Learning and Teaching, Shah Alam, 51.

Sharif, S. & Djauhari, M. A. (2010, Jun). Computational Efficiency of M-statistic in Testing the Stability of Covariance Structure. Paper presented at The Regional Conference on Statistical Sciences, Kelantan, Malaysia.

Sharif, S. & Djauhari, M. A. (2010, Jun). *Testing the Correlation Matrix Stability of World Financial Markets during the Last 10. Years using Jennrich Statistic*. Paper presented at The Regional Annual Fundamental Science Symposium 2010, Kuala Lumpur, Malaysia.

Sharif, S. & Djauhari, M. A. (2011, Jun). *A Social Network Analysis to Analyze Safety Culture and Worker's Behaviour*. Paper presented at the International Conference on Econophysics, Shanghai, China

Sharif, S. & Djauhari, M. A. (2011, Sept). *An Analysis of an Out-Of-Control Signals in Process variability Monitoring Using Network Topology*. Paper presented at the 2011 IEEE International Conference on Quality and Reliability, Bangkok, Thailand.

Sharif, S. & Djauhari, M. A. (2011, Nov). *Correlation Network Analysis of Safety Culture Using Minimum Spanning Tree*. Paper presented at the International Seminar on the Application of Science & Mathematics 2011, Kuala Lumpur, Malaysia.

Sharif, S., & Djauhari, M. A. (2011, Nov). *A Centrality Measure in Currency Exchange Rate*. Paper presented at the Symposium Kebangsaan Sains Matematik, Pulau Pinang, Malaysia.

Sharif, S. & Djauhari, M. A. (2011, Dec). *An Application of Network Topology to Understand the Signals in Process Variability: A Case Study in Petrochemical Industry*. Paper presented at The IEEE International Conference on Industrial Engineering Management, Singapore.

Sharif, S. & Djauhari, M. A. (2011, Dec). *Worker's Behaviour in Manufacturing Industry: An Evidence from a Minimum Spanning Tree*. Paper presented at the Regional Annual Fundamental Science Symposium 2011, Johor Bahru, Malaysia.

Sharif, S. & Djauhari, M. A. (2012, April). *A Social Network Analysis on Safety Culture and Worker's Behaviour*. Paper presented at the Regional Annual Fundamental Science Symposium 2011, Bandung, Indonesia.

Sharif, S. & Djauhari, M. A. (2012, July). *Testing the Stability of Correlation Structure*. Paper presented at the *Australian Statistical Conference*, Adelaide, Australia.

Sharif, S. & Djauhari, M. A. (2012, Sept). *Test for the stability of Correlation Structure*. Paper presented at the *1st ISM International Statistical Conference 2012*, Johor Bahru, Malaysia.

Sharif, S. & Djauhari, M. A. (2012, Sept). *A Gap Analysis to Identify the Outlier of Stocks Traded at Bursa Malaysia*. Paper presented at the International Conference on Statistics in Science, Business and Engineering 2012, Kedah, Malaysia.

### **SEMINAR, COURSES AND WORKSHOP ATTENDED**

- Advanced Structural Equation Modelling Phase 1, UNISEL Selangor
- Advanced Structural Equation Modelling Phase 2, UNISEL Selangor
- Research Methodology Workshop, UTLC
- Curriculum Enhancement Workshop, Statistics Department, Faculty of Quantitative Sciences
- Project Based Learning Workshop , UTLC
- Job Confirmation Workshop, Jabatan Penyelidikan dan Inovasi
- Syllabus Design and Learning Workshop, UTLC
- Prime Minister Quality Award Workshop, , Faculty of Quantitative Sciences
- Appraiser for Management Encyclopaedia (Title of Article : Median), Jabatan Penerbitan dan Teknologi Media
- Entry of Encyclopaedia & Editing Workshop, Jabatan Penyelidikan, Penerbitan dan Perundangan
- Examination Questions Moderation Workshop for UUM-IPTS Diploma Programme, Centre for Professional & Continuing Education
- General Induction Course, UTLC
- Higher Education Teaching Certificate Program, UTLC
- Promotion Facilitator Course, Jabatan Hal Ehwal Akademik
- Research Workshop, Jabatan Penyelidikan, Penerbitan dan Perundangan
- National Seminar on Socio- Economic and information Technology (SEIT), Jabatan Penyelidikan, Penerbitan dan Perundangan (Presenter)
- National Seminar on Decision Sciences 2003 (Participant), Faculty of Quantitative Sciences
- A Seminar Talk by a Distinguished Visiting Professor - Professor Dr. Shahjahan Khan, Department of Mathematics, University of Southern Queensland, Australia
- Research Methodology Course by SPS,UTM
- A Seminar Talk on Some Mathematical Interpretation of Surah An-Fal Ayat 37 by Prof. Dr. Maman A. Djauhari , Council of Professor, UTM
- Faculty of Science (PGSSFS) LaTeX workshop by Postgraduate Students Society UTM
- Analysis Seminar Series (Part 3) at Ibnu Sina Institute, UT
- 2 days Workshop on Introduction to Matlab, Process Design Lab N15, UTM
- Colloquium : Univariate approach-Multivariate approach in data analysis, Ibnu Sina Institute, UTM
- Research Talk I : Statistical approach for scientific researches – Process of statistical data analysis, Faculty Sciences, UTM.
- Research Talk II : Some examples of statistics application in Vietnam, Faculty Sciences, UTM.
- Short Course : High Impact Journal Writing, Faculty Sciences, UTM.

- Workshop on Qualitative Regression for Social & Economic Research (QuRSE 2010), Faculty Sciences, UTM.
- Seminar Kebangsaan Institut Statistik Malaysia, Institut Penyelidikan Matematik, UPM
- Bengkel Penjanaan Kertas Penyelidikan di Kings Hotel, Ayer Keroh, Melaka

#### **SUPERVISION (Thesis/Dissertation/Project Paper):**

No.	Name of Students	Title of Thesis/Dissertation	Level of Study	Progress Status
1.	Nur Farhan Binti Abdul Hakim (73552)	Project Paper	Undergraduate	Completed
2.	Nuraqilah Binti Sahak (73544)	Project Paper	Undergraduate	Completed
3.	Athirah Binti Mohd Tan (73562)	Project Paper	Undergraduate	Completed
4.	Mohd Adi Faiz Bin Ahmad Fauzi (73561)	Project Paper	Undergraduate	Completed

#### **ACTIVITIES**

##### **Year 2011**

- Fasilitator, Workshop on Qualitative Regression for Social & Economics Research Universiti Tun Hussein Onn Malaysia

##### **Year 2010**

- Fasilitator, Short Course: Excel for Quality Control
- Fasilitator, Workshop on Qualitative Regression for Social & Economics Research Universiti Teknologi Malaysia

##### **Year 2008**

- Course Supervisor, Elementary Statistics, UUM City Campus KL
- Course Supervisor, UUM-IPTS Diploma Programme, Centre for Professional & Continuing Education
- Members, Undergraduate Academic Programme Committee (Course Offering), College of Arts and Sciences
- Members, Undergraduate Academic Programme Committee (Student Intake), College of Arts and Sciences
- Facilitator, Statistical Package for Social Science (SPSS Workshop), College of Arts and Sciences
- Co-curricular Trainer of Community Development (Co-curricular Course), Pusat Kokurikulum

##### **Year 2007**

- Members, UUM Alumni 2007 Secretariat, Universiti Utara Malaysia
- Members, Decision Sciences Alumni Committee, Faculty of Quantitative Sciences
- Secretary, Statistics Department, Faculty of Quantitative Sciences
- Supervisor, Study on The Impact of EKS Development Programme, SMIDEC and UITM Shah Alam
- Promotion Committee Members, Faculty of Quantitative Sciences
- Co-curricular Trainer of Community Development (Co-curricular Course), Pusat Kokurikulum

##### **Year 2006**

- Members, National Seminar on Quantitative Sciences, Faculty of Quantitative Sciences
- Chairman, Voluntary Club, Faculty of Quantitative Sciences
- Examiner for Matriculation Programme, Ministry of Education Malaysia

- Members, Promotion Committee, Faculty of Quantitative Sciences
- Co-curricular Trainer of Community Development (Co-curricular Course), Pusat Kokurikulum

#### **Year 2005**

- Members, MOU UUM-INTEL Ceremony Committee, Faculty of Quantitative Sciences
- Members, Statistical Software Workshop Committee, Faculty of Quantitative Sciences
- Members, National Seminar on Mathematical Sciences Committee, Faculty of Quantitative Sciences
- Members, Promotion Committee, Faculty of Quantitative Sciences
- Examiner for Matriculation Programme, Ministry of Education Malaysia
- Facilitator, Statistical Package for Social Science (SPSS Workshop), Faculty of Quantitative Sciences
- Co-curricular Trainer of Community Development (Co-curricular Course), Pusat Kokurikulum

#### **Year 2004**

- Secretary, National Seminar on Decision Sciences 2004, Faculty of Quantitative Sciences
- Tutor, Universiti Terbuka Malaysia (OUM)
- Members, Promotion Committee, Faculty of Quantitative Sciences
- Members, 17<sup>th</sup> UUM Convocation Ceremony Committee, Universiti Utara Malaysia

#### **SOCIAL/COMMUNITY ACTIVITIES**

Project Advisor, Community Development Committee, Program Mentor-Mentee, Maktab Mahmud Pendang, Kedah, 22 March 2008

Project Advisor, Community Development Committee, *Ziarah Bulan Kemerdekaan*, Kampung Mani, Kuala Nerang, Kedah, 18-19 August 2006

Project Advisor, Community Development Committee, *Masyarakat Prihatin Menabur Bakti*, Kampung Banggol Kiat, Sik, Kedah, 23-24 March 2006

#### **REFERENCE**

Contact person : Assct. Prof. Dr. Sharipah Soaad Syed Yahya  
 Post : Lecturer  
 Address : College Arts and Sciences  
 UUM, 06010 UUM Sintok  
 Kedah Darul Aman, Malaysia

Contact person : Dr. Suzilah Ismail  
 Post : Lecturer  
 Address : College Arts and Sciences  
 UUM, 06010 UUM Sintok  
 Kedah Darul Aman, Malaysia

I declare that all information given by me is true and correct to my best knowledge.