



## **SALINA BINTI HISHAM**

Forensic Science Officer

Department of Forensic Medicine, Hospital Sultanah Aminah,  
Persiaran Abu Bakar Sultan, 80100 Johor Bahru, Johor, Malaysia  
Office Tel: +607-2257000 ext. 2638, Fax: +607-2237542  
Personal Tel: +6012-2574416, Email: salinahisham@hotmail.com

### **Personal details**

Date of birth: 16<sup>th</sup> of March 1982

Place of birth: Wilayah Persekutuan Kuala Lumpur

Marital status: Married with two sons (EIQMAL HASHIM and EIRSYAD HASHIM)

Spouse: HAFIZ BIN MOHD HASHIM (QA/QC Engineer)

### **Academic qualifications**

**Masters of Science** MSc. Forensic Science, Universiti Teknologi Malaysia, 2012  
**CGPA:** 3.94  
**Dissertation:** Sex, Stature and Race Estimation from Foot Anthropometry in Malaysian Population  
**Supervisor:** Dr. Che Rozid bin Mamat (Senior Lecturer, Universiti Teknologi Malaysia)  
**Co-supervisor:** Dr Mohamad Azaini bin Ibrahim (Forensic Pathologist, Hospital Melaka, Ministry of Health Malaysia – currently at Hospital Serdang)

**Bachelor of Science** BSc. (Hons) Forensic Science, Universiti Sains Malaysia, 2005  
**CGPA:** 3.60  
**Final year project:** Prevalence of Asymptomatic Bacteriuria among School of Health Sciences' Female Staff  
**Supervisor:** Associate Professor Dr. Jesmine Khan (Lecturer, Universiti Sains Malaysia – currently at Universiti Teknologi MARA)

**IELTS** (as on Jan 18, 2014)  
Listening 9.0  
Reading 9.0  
Writing 6.5  
Speaking 7.0  
**Overall 8.0**

**Diploma Course in Forensic Human Identification (online)**  
Academy of Forensic Medical Sciences, London, United Kingdom  
17th March 2014 – 13th April 2014

## **Employment**

Science Officer (Forensic), Forensic Unit, Hospital Sultan Haji Ahmad Shah, Temerloh, Pahang. 2005 – 2007

Science Officer (Forensic), Department of Forensic Medicine, Hospital Sultanah Aminah, Johor Bahru, Johor. 2007 til present

Part-time Editor, MPWS Rich Proofreading (002287256-H), 2014

## **Field work experiences**

Postmortem Investigation:

Assisted more than fifty (50) postmortem investigations in the technical aspects of documentation and specimen handling.

Crime Scene Investigation:

More than thirty (30) crime scene visits and investigations at various places in the state of Pahang and Johor. Include cases such as homicide, suicide, aviation accident, industrial accident, workplace accident, motor vehicle accident, burnt human body, human bones search, etc.

Exhumation & Excavation:

Two (2) visits to assist relocation of graves. One (1) visit to investigate illegal burial.

Forensic Anthropological Cases:

Managed more than twenty (20) forensic anthropological cases received by the department that required bone cleaning procedure and postmortem examination.

Forensic Histopathological Cases:

Managed more than one hundred (130) forensic histopathological cases received from all government hospitals in Johor.

## **Awards**

2013 Role Model Budaya Korporat, Hospital Sultanah Aminah Johor Bahru.

2012 Prochancellor Award, MSc. Forensic Science, Universiti Teknologi Malaysia 48<sup>th</sup> Convocation Ceremony.

2012 Postgraduate Best Student Award for MSc. Forensic Science, Universiti Teknologi Malaysia 48th Convocation Ceremony.

2009 Anugerah Perkhidmatan Cemerlang (*Distinguished Service Award*), Jabatan Kesihatan Negeri Johor.

2005 Anugerah Dekan (*Dean's List*) Semester II (400), 2004/2005, Universiti Sains Malaysia.

2004 Anugerah Dekan (*Dean's List*) Semester II (300), 2003/2004, Universiti Sains Malaysia.

2003 Anugerah Dekan (*Dean's List*) Semester I (200), 2002/2003, Universiti Sains Malaysia.

## **Publications**

2015 **Salina Hisham**, Aznool Haidy Ahsorori, Khairul Anuar Zainun. Child left in car: The monitoring of ambient outdoor temperature and interior vehicle temperature in Johor Bahru, Malaysia. *Canadian Society of Forensic Science Journal*. In press.

2014 **Salina Hisham**. Management of Unclaimed Bodies (Article in Bahasa Malaysia: Pengendalian Mayat Tidak Dituntut). Internet article. The Official Portal MyHealth Ministry of Health Malaysia. <http://www.myhealth.gov.my/index.php/en/general/forensic/pengendalian-mayat-tidak-dituntut>

2013 Aznool Haidy Ahsosori, **Salina Hisham**. Stature estimation from foot anthropometry in Malaysian population. *Malaysian Journal of Forensic Pathology and Science*. 2013. 8 (1): 24-37.

- 2012 **Salina Hisham**, Che Rozid Mamat and Mohamad Azaini Ibrahim. Regression Analysis for Stature Estimation from Foot Anthropometry in Malaysian Chinese. *Australian Journal of Forensic Sciences*. 2012. 44 (4): 333-341.
- 2012 **Salina Hisham**, Che Rozid Mamat and Mohamad Azaini Ibrahim. Multivariate Statistical Analysis for Race Variations from Foot Anthropometry in Malaysian Population. *Australian Journal of Forensic Sciences*. 2012. 44 (3): 285-293.

### **Oral Presentations**

- 2013 **Salina Hisham**, Che Rozid Mamat and Mohamad Azaini Ibrahim. *Multivariate Statistical Analysis for Race Variations from Foot Anthropometry in Malaysian Population*. Paper presented at Persidangan Kedua Pegawai-Pegawai Sains Kementerian Kesihatan Malaysia, Persatuan Pegawai-Pegawai Sains Kementerian Kesihatan Malaysia (ASOMH).
- 2012 **Salina Hisham**, Rosaniza Kamarudin, Asrul Fahmi Abdul Mutalib, Khairul Anuar Zainun and Mohamad Aznool Haidy Ahsorori. *A Pilot Study on The Monitoring of Ambient Outdoor Temperature and Interior Vehicle Temperature in Johor Bahru*. Paper presented at 1<sup>st</sup> Johor Research Day, Clinical Research Centre, Ministry of Health Malaysia.
- 2012 **Salina Hisham**, Rosaniza Kamarudin, Asrul Fahmi Abdul Mutalib, Khairul Anuar Zainun and Mohamad Aznool Haidy Ahsorori. *A Pilot Study on The Monitoring of Ambient Outdoor Temperature and Interior Vehicle Temperature in Johor Bahru*. Paper presented at National Convention of Forensic Medicine and Sciences, Hospital Pulau Pinang & Institut Perubatan Forensik Negara, Ministry of Health Malaysia.
- 2012 **Salina Hisham** and Mohamad Aznool Haidy Ahsorori. *Management of Forensic Anthropological Cases in Department of Forensic Medicine, Hospital Sultanah Aminah Johor Bahru: A 5-Year Experience*. Paper presented at Persidangan Pegawai Sains Kebangsaan Kali Ke-2, Universiti Kebangsaan Malaysia.
- 2010 **Salina Hisham**, Nur Fazidah Asmuje, Mariatulkaftiah Othman and Abd Rahman Hamzah. *Kajian Masalah Kekurangan Organ Dalam Program Transplan*. Paper presented at the 2<sup>nd</sup> International Conference on Islamic Science and Technology, Universiti Teknologi Malaysia.
- 2009 **Salina Hisham** and Mohamad Aznool Haidy Ahsorori. *Larval Development of Blowflies Breeding on Exposed Carrions in Johor Bahru*. Paper presented at National Scientific Meeting of Forensic Medicine, Institut Perubatan Forensik Negara, Ministry of Health Malaysia.
- 2008 **Salina Hisham** and Mohamad Aznool Haidy Ahsorori. *Use of Paracetamol as an Adjuvant in Chemical Maceration Technique for Forensic Skeletal Preparation*. Paper presented at National Scientific Meeting of Forensic Medicine, Institut Perubatan Forensik Negara, Ministry of Health Malaysia.

### **Poster Presentations**

- 2014 **Salina Hisham**, Asrul Fahmi Abdul Mutalib, Jorah Ramlan, Marwadi Abdul Samad, Aznool Haidy Ahsorori and Khairul Anuar Zainun. Mini Portable Fume Hood. Innovation project presented at Konvensyen Inovasi Jabatan Kesihatan Negeri Johor 2014 (Category: Product).
- 2014 **Salina Hisham**, Aznool Haidy Ahsorori and Khairul Anuar Zainun. *Detecting Mismatch between Cadaveric Fingerprints and Malaysian Identity Card By Using Card Acceptance Device*. Poster presented at 10th Allied Health Scientific Conference Malaysia, Association of Allied Health Sciences Division Personnel and Allied Health Sciences Division Ministry of Health (Consolation Prize For Poster Award).
- 2013 **Salina Hisham**, Aznool Haidy Ahsorori, Mokhtar Idris, Mohd Adnan Satikun, Norzamsudin Deris and Roskomizan Mokhtar. *PCM for the Dead*. Innovation project presented at Konvensyen Inovasi Jabatan Kesihatan Negeri Johor 2013 (Category: Process, gone through regional level).

- 2013 Asrul Fahmi Abdul Mutalib, **Salina Hisham**, Rosaniza Kamarudin and Mohamad Aznool Haidy Ahsorori. *Comparative Study on the Declination of the Burnt Body Temperature that could Influences the Time Since Death Estimation: Burnt Carcass in a Pit with Shaded Roof Top and Burnt Carcass on an Open Ground Surface*. Poster presented at The 11<sup>th</sup> Indo Pacific Association of Law, Medicine and Science Congress 2013.
- 2012 **Salina Hisham**, Rosaniza Kamarudin, Asrul Fahmi Abdul Mutalib, Khairul Anuar Zainun and Mohamad Aznool Haidy Ahsorori. *A Pilot Study on The Determination of Fingerprint Patterns Amongst Malaysian Population*. Poster presented at 1<sup>st</sup> Johor Research Day, 2012, Clinical Research Centre, Ministry of Health Malaysia.
- 2012 Asrul Fahmi Abdul Mutalib, **Salina Hisham**, Rosaniza Kamarudin and Mohamad Aznool Haidy Ahsorori. *Comparative Study on the Declination of the Burnt Body Temperature that could Influences the Time Since Death Estimation: Burnt Carcass in a Pit with Shaded Roof Top and Burnt Carcass on an Open Ground Surface*. Poster presented at 1<sup>st</sup> Johor Research Day, 2012, Clinical Research Centre, Ministry of Health Malaysia.
- 2011 **Salina Hisham**, Che Rozid Mamat and Mohamad Azaini Ibrahim. *Cluster Analysis for Sex Determination from Foot Anthropometry in Malaysian Population*. Poster presented at the National Science Postgraduate Conference 2011, Universiti Teknologi Malaysia.
- 2010 **Salina Hisham** and Mohamad Aznool Haidy Ahsorori. *Stature Estimation from Foot Anthropometry in Malaysian Population*. Poster presented at the 8<sup>th</sup> Scientific Meeting of Allied Health Professionals, 2010, Ministry of Health Malaysia.
- 2010 **Salina Hisham** and Mohamad Aznool Haidy Ahsorori. *Use of Paracetamol as an Adjuvant in Chemical Maceration Technique for Forensic Skeletal Preparation*. Poster presented at the 7<sup>th</sup> Scientific Meeting of Allied Health Professionals, 2008, Ministry of Health Malaysia.
- 2008 **Salina Hisham** and Mohamad Aznool Haidy Ahsorori. *Use of Paracetamol as an Adjuvant in Chemical Maceration Technique for Forensic Skeletal Preparation*. Poster presented at the International Forensics Symposium 2008, Universitas Udayana Bali, Indonesia.

### **Professional Membership**

- 2013 Member of Forensic Science Society Malaysia (FSSM), FSSM/0342/13, 2013 – present.
- 2010 Member of Persatuan Jalur Selatan Radio Amateur (JASRA), ID Number: JJB-0122-10. 2010.
- 2008 Member of Association of Scientific Officers Ministry of Health (ASOMH), Ministry of Health Malaysia, ID Number: 104-08, 2008 til present.
- 2003 Golden Key International Honour Society, GK ID Number: 2508178, 2003 til present.

### **Leadership Roles**

- 2015 External Examiner, Forensic Dissertation MSc. Forensic Science, Session 2014/2015, Universiti Teknologi Malaysia, 2015 for Rosaniza Kamarudin, Detection of Paraquat in Calliphorid Maggots by Capillary Electrophoresis for Diagnosing Fatal Poisoning.
- 2014 Internal Auditor MS ISO 9001:2008, Hospital Sultanah Aminah Johor Bahru, 2014.
- 2014 Chairperson of Research Committee for Forensic Science Officer, Allied Health Division, Ministry of Health, 2014 – 2016.
- 2014 External Co-Supervisor, Forensic Dissertation MSc. Forensic Science (MSN1280 & MSN2180), Session 2014/2015, Universiti Teknologi Malaysia, 2014 for Ang Swee Boon, Estimation of Stature from Footprint and Foot Outline Measurement in Malaysian Sikhs.
- 2014 Group Leader, Innovation Project: Mini Portable Fume Hood. Johor State Level.

- 2014 Liaison Officer for Department – Postgraduate Medical Society, Hospital Sultanah Aminah Johor Bahru.
- 2013 Member of Forensic Biology Blueprint Group, Profession: Forensic Science Officer, 2013 – present.
- 2013 Member of Forensic Anthropology Blueprint Group, Profession: Forensic Science Officer, 2013 – present.
- 2013 Writer and Translator for MyHealth Portal ([www.myhealth.gov.my](http://www.myhealth.gov.my)), 2013 – present.
- 2013 External Examiner, Forensic Dissertation MSc. Forensic Science (MSN2180), Semester 1, Session 2013/2014, Universiti Teknologi Malaysia.
- 2013 Member of Innovation and Creative Group Committee (Kumpulan Inovatif dan Kreatif, KIK) Hospital Sultanah Aminah Johor Bahru, 2013 – 2015.
- 2013 Group Leader, Innovation Project: PCM For The Dead. Regional Level.
- 2012 Member of Proton Inspira Owners Club Malaysia (PIOCM), PIOC-188, 2012 til present.
- 2012 Member of Implementation Laboratory of Forensic Medicine, Forensic Medicine Service, National Institute of Forensic Medicine (IPFN).
- 2012 Secretariat of Serving Healthy Meals During Meetings (PHSSM) for Department of Forensic Medicine, Department of Dietetic, Hospital Sultanah Aminah Johor Bahru, 2012 til present.
- 2012 Research Liaison Officer (RLO) for Department of Forensic Medicine, Clinical Research Centre, Hospital Sultanah Aminah Johor Bahru, 2012 til present.
- 2012 Universiti Teknologi Malaysia Alumni, 2012 til present.
- 2010 Assistant Secretary of Forensic Club, Universiti Teknologi Malaysia, 2010 – 2012.
- 2009 Member of Technical Committee of Forensic Science Officer Profession, 2009 – 2011.
- 2009 Public Relations (Liaison) Officer, Department of Forensic Medicine, Hospital Sultanah Aminah Johor Bahru, 2009 – present.
- 2009 Member of Proton Satria Neo Club Malaysia (SNC), ID Number: NEO-163.
- 2007 Site Research Coordinator, National Suicide Registry Malaysia, 2007 – 2010.
- 2005 School of Health Sciences, Universiti Sains Malaysia Alumni, 2005 til present.

### **Referees**

Dr Mohamad Aznool Haidy bin Ahsorori  
 Head of Department & Forensic Pathologist  
 Department of Forensic Medicine  
 Hospital Sultanah Aminah  
 Persiaran Abu Bakar Sultan  
 80100 Johor Bahru Johor MALAYSIA  
 +607-2231666 ext. 2638  
[dr\\_aznool@yahoo.com](mailto:dr_aznool@yahoo.com)

Associate Professor Dr. Umi Kalthom binti Ahmad  
 Department of Chemistry, Faculty of Science  
 Universiti Teknologi Malaysia  
 81310 Skudai Johor MALAYSIA  
 +607-5534522  
[umi@kimia.fs.utm.my](mailto:umi@kimia.fs.utm.my)