

# SALINA HISHAM

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Web of Science ResearcherID: AAA-5775-2020 · Scopus Author ID: 55358369100

## *Education*

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<b>Doctorate Thesis:</b>	PhD in Forensic Anthropology, The University of Western Australia, 2019 Malaysian Standards for Forensic Age Estimation: Formulation and Validation based on analyses of Multi-Detector Computed Tomographic Images and Dental Orthopantomographs. <a href="https://doi.org/10.26182/5dfc310cd475c">https://doi.org/10.26182/5dfc310cd475c</a>
<b>Master of Science CGPA:</b>	MSc. Forensic Science, Universiti Teknologi Malaysia, 2012 3.94 / 4.0
<b>Dissertation:</b>	Sex, Stature and Race Estimation from Foot Anthropometry in Malaysian Population. <a href="http://eprints.utm.my/id/eprint/32502">http://eprints.utm.my/id/eprint/32502</a>
<b>Bachelor of Science CGPA:</b>	BSc. (Hons) Forensic Science, Universiti Sains Malaysia, 2005 3.60 / 4.0
<b>Final year project:</b>	Prevalence of Asymptomatic Bacteriuria among School of Health Sciences' Female Staff.

Forensic Human Identification Course 2014  
Academy of Forensic Medical Sciences, London, United Kingdom

Media Writing and Editing Course 2020  
Ohio State University, Columbus, Ohio, United States of America  
Canvas Network

Best Practices for Biomedical Research Data Management 2021  
Harvard Medical School  
Canvas Network

## *Appointment History*

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Forensic Science Officer, Department of Forensic Medicine, Hospital Serdang, Selangor.  
02/2020 – present

Study Leave (with *Hadiah Latihan Persekutuan* Ministry of Health scholarship) for Doctoral Degree.  
02/2016 – 01/2020

Forensic Science Officer, Department of Forensic Medicine, Hospital Sultanah Aminah, Johor Bahru, Johor.  
03/2012 – 01/2016

Study Leave for Masters Degree.  
07/2010 – 03/2012

Forensic Science Officer, Department of Forensic Medicine, Hospital Sultanah Aminah, Johor Bahru, Johor.  
02/2007 – 07/2010

Forensic Science Officer, Hospital Tengku Ampuan Afzan, Kuantan, Pahang.  
08/2005 – 01/2007

## *Field Work Experiences*

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Postmortem Investigation:  
Executed and monitored the technical aspects of documentation and specimen handling in postmortem investigations.

#### Crime Scene Investigation:

Facilitated death investigations during crime scene visits at various places in the states of Pahang, Johor and Selangor. Cases included homicide, suicide, aviation accident, industrial accident, workplace accident, motor vehicle accident, burnt human body, human bones search, etc.

#### Mass Disaster Management:

Appointed as the Public Relation Officer and in-charged of antemortem section during Disaster Victim Identification (DVI) management according to the Interpol on Sungai Rengit Report 1074/08 – a capsized-boat-tragedy involving Indonesian victims in Hospital Sultan Ismail Johor Bahru (June 2008).

#### Exhumation:

Facilitated the exhumation process to assist relocation of graves and to investigate illegal burial.

#### Excavation:

*Op Gangga* - Archaeological excavation of crews of United States Army Forces, Douglas C-47B aircraft Dakota (43-16261), Bubu Forest Reserve, Beruas, Perak (September 2015).

#### Forensic Anthropological Cases:

Authorized forensic anthropological cases received by the department that required bone cleaning procedure and general examination.

#### Forensic Histopathological Cases:

Managed forensic histopathological cases received from all government hospitals in Johor and Selangor including hand-on technical skills on specimen registration, tissue processing, embedding and sectioning.

#### Laboratory Management:

Head of the laboratory – responsibility included ensuring laboratory personnel safety, maintenance and care of laboratory equipment, monitoring and purchasing of consumables, chemical and clinical storage, chemical and clinical disposal, and laboratory quality activities.

#### Data Management and Data Mining:

Developed and maintained databases for medicolegal specimens (histopathology, anthropology, toxicology, entomology, crime scene) and their relevant products (slides, blocks, preserved tissues/bone fragments, etc.); chemicals and rapid test kits inventories; and results from other agencies (Department of Chemistry Malaysia, Institute of Medical Research, universities, etc.).

#### Research Activities:

Appointed as a Research Liaison Officer (Department of Forensic Medicine, Hospital Sultanah Aminah) and Head of Committee of Research and Innovation (Department of Forensic Medicine, Hospital Serdang) to monitor, advise, assist, and manage all research activities in the Department. Also the Principal Investigator for three completed research registered in the National Medical Research Register.

### Awards

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- 2019 Australasian Society for Human Biology (ASHB) Student Conference Grant [AUD 200].
- 2019 Council for International Students of Western Australia (CISWA) Tertiary Student of the Year Finalist
- 2019 UWA Graduate Research School Student Travel Award [AUD 1,850].
- 2019 Kerley International Outreach Travel Award [USD 1,500].
- 2018 Australia and New Zealand Forensic Science Society (ANZFSS) Western Australian Branch Symposium Award [AUD 750].
- 2017 Australasian Society for Human Biology (ASHB) Conference Travel Award [AUD 425].
- 2017 UWA Postgraduate Students' Association (PSA) Conference Travel Award [AUD 900].
- 2015 *Hadiah Latihan Persekutuan* scholarship 2015/2016, Ministry of Health Malaysia.
- 2013 Role Model for Corporate Culture, Hospital Sultanah Aminah Johor Bahru.

- 2012 Pro-Chancellor Award, MSc. Forensic Science, Universiti Teknologi Malaysia 48<sup>th</sup> Convocation Ceremony [MYR 1,500].
- 2012 Postgraduate Best Student Award for MSc. Forensic Science, Universiti Teknologi Malaysia 48<sup>th</sup> Convocation Ceremony.
- 2009 Excellent Service Award (*Anugerah Perkhidmatan Cemerlang*), Johor State Health Department [MYR 1,000].
- 2005 Dean's List Semester II (400), 2004/2005, Universiti Sains Malaysia.
- 2004 Dean's List Semester II (300), 2003/2004, Universiti Sains Malaysia.
- 2003 Dean's List Semester I (200), 2002/2003, Universiti Sains Malaysia.

## *Publications*

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### *Journal Articles*

- 2020 Ihsan Mohamed, Mohamed Saleem, Nur-anis Raihan Zulkifly, Dzulkiflee Ismail, Mohamad Afiq Mohamed Huri, **Salina Hisham**, Naji A. Mahat. Estimation of stature from hand and handprint measurements in a monoethnic Maldivian population. *Australian Journal of Forensic Sciences* 2020; doi: 10.1080/00450618.2020.1759685
- 2020 **Salina Hisham**, Daniel Franklin. Transposition of the Suchey-Brooks and spheno-occipital synchondrosis fusion methods onto computed tomographic images: review and future prospects. *Forensic Imaging* 2020; 21: 200369. doi: 10.1016/j.fri.2020.200369
- 2019 **Salina Hisham**, Nurliza Abdullah, Mohamad Helmee Mohamad Noor, Daniel Franklin. Quantification of pubic symphysis metamorphosis based on clinical MDCT scans in a contemporary Malaysian population. *Journal of Forensic Sciences* 2019; 64(6):1083-1811. doi:10.1111/1556-4029.14125
- 2019 **Salina Hisham**, Nurliza Abdullah, Mohamad Helmee Mohamad Noor, Daniel Franklin. Quantification of secondary dentin formation using dental radiographs in a contemporary Malaysian population. *Australian Journal of Forensic Sciences* 2019; doi: 10.1080/00450618.2019.1569130
- 2019 **Salina Hisham**, Nurliza Abdullah, Mohamad Helmee Mohamad Noor, Daniel Franklin. Quantification of secondary dentin formation based on MDCT scans and dental orthopantomographs in a contemporary Malaysian population. *Legal Medicine* 2019; 36:59-66. doi:10.1016/j.legalmed.2018.11.004
- 2018 **Salina Hisham**, Ambika Flavel, Nurliza Abdullah, Mohamad Helmee Mohamad Noor, Daniel Franklin. Quantification of spheno-occipital synchondrosis fusion in a contemporary Malaysian population. *Forensic Science International* 2018; 284C:78-84. doi:10.1016/j.forsciint.2017.12.046
- 2018 Nuraida Khalid, Khairul Anuar Zainun, **Salina Hisham**, N.I. Mazan, Syafinaz Amin Nordin. Group B Streptococcus infection in a sudden unexpected death of infancy: the importance of microbiological investigation at post-mortem. *Tropical Biomedicine* 2018; 35(3):604-609.
- 2018 **Salina Hisham**, Ambika Flavel, Nurliza Abdullah, Mohamad Helmee Mohamad Noor, Daniel Franklin. Visualisation and quantification of secondary dentin formation in MDCT scans: analysis of a contemporary Malaysian population (published conference abstracts of the Australasian Society for Human Biology 2017). Research in Anthropology and Linguistics (RAL) e-series. p.26. <http://www.arts.auckland.ac.nz/en/about/schools-in-the-faculty-of-arts/school-of-social-sciences/anthropology/journals-and-associations/ral/ral-e-electronic-series.html>
- 2017 Nuranis-Raihan Zulkifly, Roswanira Abd Wahab, Elizabeth Layang, Dzulkiflee Ismail, Wan Nur Syuhaila Mat Desa, **Salina Hisham**, Naji Arafat Mahat. Estimation of Stature from Hand and Handprint Measurements in Iban Population in Sarawak, Malaysia and its applications in forensic investigations. *Journal of Forensic and Legal Medicine* 2017; 53:35-45. doi:10.1016/j.jflm.2017.10.011

- 2015 **Salina Hisham**, Mohamad Aznool Haidy Ahsorori, Khairul Anuar Zainun. Detecting mismatch between cadaveric fingerprints and Malaysian Identity Card using card acceptance device. *Malaysian Journal of Forensic Pathology and Science* 2015; 10(1):10-20.
- 2015 **Salina Hisham**, Aznool Haidy Ahsorori, Khairul Anuar Zainun. Monitoring of ambient outdoor temperature and interior vehicle temperature in Johor Bahru, Malaysia. *Canadian Society of Forensic Science Journal* 2015; 48(2):60-67. doi:10.1080/00085030.2014.989670
- 2014 Nuraida Khalid, Khairul Anuar Zainun, **Salina Hisham**. Group B streptococcus pneumonia in sudden unexpected infant death. *The Malaysian Journal of Pathology* 2014; 36: Supplement A (P-FP02).
- 2013 Aznool Haidy Ahsorori, **Salina Hisham**. Stature estimation from foot anthropometry in Malaysian population. *Malaysian Journal of Forensic Pathology and Science* 2013; 8(1):24-37.
- 2013 Asrul Fahmi Abdul Mutalib, **Salina Hisham**, Rosaniza Kamarudin, Aznool Haidy Haji Ahsorori. Comparative Study on the declination of the burnt body temperature that could influence the time since death estimation: Burnt carcass in a pit with shaded roof top and burnt carcass on an open ground surface. *Malaysian Journal of Pathology* 2013; 35(2):193-274.
- 2012 **Salina Hisham**, Che Rozid Mamat, Mohamad Azaini Ibrahim. Regression analysis for stature estimation from foot anthropometry in Malaysian Chinese. *Australian Journal of Forensic Sciences* 2012; 44(4):333-341. doi:10.1080/00450618.2012.673637
- 2012 **Salina Hisham**, Che Rozid Mamat, 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. doi:10.1080/00450618.2012.657682

#### Book Chapter

- 2019 Salina Hisham, Mohamad Afiq Mohamed Huri. Review of Anthropological Evidence in Forensic Investigation. In: Scientific Approaches to Crime Investigations. Naji Arafat Mahat, Mohamad Afiq Mohamed Huri (Eds) UTM Press.

#### Commercial Media

- 2018 **Salina Hisham**. PSA Conference Travel Award Reports: The International Association of Craniofacial Identification: Science Supercharged Methods. Postscript 2018 Magazine. UWA Postgraduate Students' Association.
- 2017 **Salina Hisham**. Volunteer Speaker for the World Biotech Tour. Forensic Anthropology & Archaeology Student Newsletter: Communications in Australia and New Zealand, Issue 4, July – December 2016.
- 2016 **Salina Hisham**. Personal Experiences Working in a Mortuary: A Kick-off to the PhD World. Forensic Anthropology & Archaeology Student Newsletter: Communications in Australia and New Zealand, Issue 3, January – June 2016.
- 2015 **Salina Hisham**. Bite Mark in Forensic Analysis. The Official Portal MyHealth, Ministry of Health Malaysia. <http://www.myhealth.gov.my/index.php/en/general/forensic/bite-mark-in-forensic-analysis>
- 2015 **Salina Hisham**. Pattern Marks: What Can They Tell Us. The Official Portal MyHealth, Ministry of Health Malaysia. <http://www.myhealth.gov.my/index.php/en/general/forensic/pattern-marks--what-can-they-tell-us>
- 2015 **Salina Hisham**. Print: Reveal the Identity. The Official Portal MyHealth, Ministry of Health Malaysia. <http://www.myhealth.gov.my/index.php/en/general/forensic/print--reveal-the-identity>
- 2014 **Salina Hisham**. Release of Dead Body – Do You Know? The Official Portal MyHealth, Ministry of Health Malaysia. <http://www.myhealth.gov.my/index.php/en/general/forensic/release-of-dead-body--do-you-know>
- 2014 **Salina Hisham**. The Management of Unclaimed Bodies. The Official Portal MyHealth, Ministry of Health Malaysia. <http://www.myhealth.gov.my/index.php/en/general/forensic/the-management-of-unclaimed-bodies>

- 2021 Forensic Science International: Reports. Section Editor: Mubarak Bidmos (1).
- 2020 Forensic Science International: Synergy. Editor-in-Chief: Max M. Houck (1).
- 2020 Australian Journal of Forensic Sciences. Editor-in-Chief: Daniel Franklin (4).
- 2020 Journal of Neurological Surgery Part B: Skull Base. Editor-in-Chief: Dennis Kraus (3).
- 2020 Forensic Science International: Reports. Section Editor: Mubarak Bidmos (6).
- 2018 Journal of Forensic and Legal Medicine. Assistant Editor: Patrick Chariot (1).
- 2018 Australian Journal of Forensic Sciences. Editor: James Robertson (1).
- 2017 Australian Journal of Forensic Sciences. Editor: James Robertson (2).
- 2017 Journal of Forensic and Legal Medicine. Editor: Jason Payne James (1).
- 2015 Australian Journal of Forensic Sciences. Editor: James Robertson (1)

### Oral Presentations

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- 2019 **Salina Hisham**, Nurliza Abdullah, Mohamad Helmee Mohamad Noor, Daniel Franklin. *Regression analyses for forensic age estimation based on quantification of pubic symphysis metamorphosis in a contemporary Malaysian population*. 33<sup>rd</sup> Australasian Society for Human Biology Conference.
- 2017 **Salina Hisham**, Ambika Flavel, Nurliza Abdullah, Mohamad Helmee Mohamad Noor, Daniel Franklin. *Quantification of secondary dentin formation based on MDCT scans in a contemporary Malaysian population*. 31<sup>st</sup> Australasian Society for Human Biology Conference.
- 2016 **Salina Hisham**. Forensic Anthropology (an introduction to high school students Year 7-12). World Biotech Tour. Scitech, Perth.
- 2016 **Salina Hisham**. *Op Gangga: Excavating the crews of World War II USAAF*. National Archaeology Student Conference 2016. The University of Western Australia.
- 2016 **Salina Hisham**. *Malaysian Standards for Forensic Age Estimation: Formulation and Validation based on the Analyses of Multi-Detector Computed Tomographic Images*. School of Anatomy, Physiology and Human Biology Postgraduate Student Expo. The University of Western Australia.
- 2015 **Salina Hisham**, Mohamad Aznool Haidy Ahsorori, Khairul Anuar Zainun. *Monitoring of Ambient Outdoor Temperature and Interior Vehicle Temperature in Johor Bahru, Malaysia*. 2<sup>nd</sup> Allied Health Division Ministry of Health Malaysia Research Day [Best oral presenter]
- 2015 **Salina Hisham**, Asrul Fahmi Abdul Mutalib, Mohamad Aznool Haidy Ahsorori. *An Innovative Mini Portable Fume Hood to Improve the First Response Time for Medicolegal Histopathology Specimens*. 3<sup>rd</sup> ASOMH Scientific Conference (ASiC III) 2015, Association of Science Officers Ministry of Health Malaysia (ASOMH).
- 2013 **Salina Hisham**, Che Rozid Mamat, Mohamad Azaini Ibrahim. *Multivariate Statistical Analysis for Race Variations from Foot Anthropometry in Malaysian Population*. 2<sup>nd</sup> ASOMH Scientific Conference, Association of Science Officers Ministry of Health Malaysia (ASOMH).
- 2012 **Salina Hisham**, Rosaniza Kamarudin, Asrul Fahmi Abdul Mutalib, Khairul Anuar Zainun, Mohamad Aznool Haidy Ahsorori. *A Pilot Study on The Monitoring of Ambient Outdoor Temperature and Interior Vehicle Temperature in Johor Bahru*. 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, Mohamad Aznool Haidy Ahsorori. *A Pilot Study on The Monitoring of Ambient Outdoor Temperature and Interior Vehicle Temperature in Johor Bahru*. National Convention of Forensic Medicine and Sciences, Hospital Pulau Pinang & National Institute of Forensic Medicine, Ministry of Health Malaysia.
- 2012 **Salina Hisham**, Mohamad Aznool Haidy Ahsorori. *Management of Forensic Anthropological Cases in Department of Forensic Medicine, Hospital Sultanah Aminah Johor Bahru: A 5-Year Experience*. 2<sup>nd</sup> National Conference of Science Officers, Universiti Kebangsaan Malaysia.
- 2010 **Salina Hisham**, Nur Fazidah Asmuje, Mariatulkaftiah Othman, Abd Rahman Hamzah. *Kajian Masalah Kekurangan Organ Dalam Program Transplan*. 2<sup>nd</sup> International Conference on Islamic Science and Technology, Universiti Teknologi Malaysia.
- 2009 **Salina Hisham**, Mohamad Aznool Haidy Ahsorori. *Larval Development of Blowflies Breeding on Exposed Carrions in Johor Bahru*. National Scientific Meeting of Forensic Medicine, National Institute of Forensic Medicine, Ministry of Health Malaysia.
- 2008 **Salina Hisham**, Mohamad Aznool Haidy Ahsorori. *Use of Paracetamol as an Adjuvant in Chemical Maceration Technique for Forensic Skeletal Preparation*. National Scientific Meeting of Forensic Medicine, National Institute of Forensic Medicine, Ministry of Health Malaysia.

### Poster Presentations

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- 2019 **Salina Hisham**, Nurliza Abdullah, Mohamad Helmee Mohamad Noor, Daniel Franklin. *Quantification of age-related pubic symphyseal morphological changes based on the analysis of clinical MDCT scans in Malaysian males*. American Academy of Forensic Sciences 71<sup>st</sup> Annual Scientific Meeting.
- 2018 **Salina Hisham**, Nurliza Abdullah, Mohamad Helmee Mohamad Noor, Daniel Franklin. *Quantification of secondary dentin formation based on dental radiographs in a contemporary Malaysian population*. Australia & New Zealand Forensic Science Society 24<sup>th</sup> International Symposium.
- 2018 **Salina Hisham**, Ambika Flavel, Nurliza Abdullah, Mohamad Helmee Mohamad Noor, Daniel Franklin. *Regression Analyses for Forensic Age Estimation based on Quantification of Spheno-Occipital Synchondrosis Fusion in a Contemporary Malaysian Population*. 2<sup>nd</sup> International Conference of Forensic Science, Forensic Medicine and Criminology (INFOMECE).
- 2017 **Salina Hisham**, Ambika Flavel, Nurliza Abdullah, Mohamad Helmee Mohamad Noor, Daniel Franklin. *Quantification of Spheno-Occipital Synchondrosis Fusion in a Contemporary Male Malaysian Population*. 17<sup>th</sup> Meeting of the International Association of Craniofacial Identification.
- 2016 **Salina Hisham**, Nur-Intaniah Ishak, Ambika Flavel, Jessica Simmons, Daniel Franklin. *Malaysian Forensic Standards for Sex, Age and Ancestry Estimation: Development and Formulation based on the analyses of Computed Tomographic Images*. Australasian Society of Human Biology 30<sup>th</sup> Annual Conference.
- 2016 **Khairul Anuar Zainun**, Wong Pei Min, Asyraf Najib, **Salina Hisham**, Rosaniza Kamarudin, Mohamad Aznool Haidy Ahsorori. *Congenital Anomalies and Sudden Death in Childhood*. 12<sup>th</sup> Indo-Pacific Association of Law, Medicine and Science Congress [First prize for Best Poster Award]
- 2015 **Salina Hisham**, Rosaniza Kamarudin, Asrul Fahmi Abdul Mutalib, Mohamad Aznool Haidy Ahsorori. *A Survey on the Interior Temperature in Malaysian Car Models*. Allied Health Division Ministry of Health Malaysia Research Day.
- 2015 Mohamad Aznool Haidy Ahsorori, **Salina Hisham**, Rosaniza Kamarudin. *Forensic Medicine Services in Johor: Preparedness Towards Handling High Risk Dead Bodies*. 10<sup>th</sup> Johor Scientific Meeting 2015.
- 2014 **Salina Hisham**, Asrul Fahmi Abdul Mutalib, Jariah Ramlan, Marwadi Abdul Samad, Mohamad Aznool Haidy Ahsorori, Khairul Anuar Zainun. *Mini Portable Fume Hood*. Innovation Convention Jabatan Kesihatan Negeri Johor 2014 (Category: Product, State level).

- 2014 **Salina Hisham**, Mohamad Aznool Haidy Ahsorori, Khairul Anuar Zainun. *Detecting Mismatch between Cadaveric Fingerprints and Malaysian Identity Card by Using Card Acceptance Device*. 10<sup>th</sup> Allied Health Scientific Conference Malaysia, Association of Allied Health Sciences Division Personnel and Allied Health Sciences Division Ministry of Health [Consolation prize]
- 2013 **Salina Hisham**, Mohamad Aznool Haidy Ahsorori, Mokhtar Idris, Mohd Adnan Satikun, Norzamsudin Deris, Roskomizan Mokhtar. *PCM for the Dead*. Innovation Convention Jabatan Kesihatan Negeri Johor 2013 (Category: Process, Regional level).
- 2013 Asrul Fahmi Abdul Mutalib, **Salina Hisham**, Rosaniza Kamarudin, 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*. 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, Mohamad Aznool Haidy Ahsorori. *A Pilot Study on The Determination of Fingerprint Patterns Amongst Malaysian Population*. 1<sup>st</sup> Johor Research Day, 2012, Clinical Research Centre, Ministry of Health Malaysia.
- 2012 Asrul Fahmi Abdul Mutalib, **Salina Hisham**, Rosaniza Kamarudin, 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*. 1<sup>st</sup> Johor Research Day 2012, Clinical Research Centre, Ministry of Health Malaysia.
- 2011 **Salina Hisham**, Che Rozid Mamat, Mohamad Azaini Ibrahim. *Cluster Analysis for Sex Determination from Foot Anthropometry in Malaysian Population*. National Science Postgraduate Conference 2011, Universiti Teknologi Malaysia.
- 2010 **Salina Hisham**, Mohamad Aznool Haidy Ahsorori. *Stature Estimation from Foot Anthropometry in Malaysian Population*. 8<sup>th</sup> Scientific Meeting of Allied Health Professionals, Ministry of Health Malaysia.
- 2008 **Salina Hisham**, Mohamad Aznool Haidy Ahsorori. *Use of Paracetamol as an Adjuvant in Chemical Maceration Technique for Forensic Skeletal Preparation*. 7<sup>th</sup> Scientific Meeting of Allied Health Professionals, Ministry of Health Malaysia.
- 2008 **Salina Hisham**, Mohamad Aznool Haidy Ahsorori. *Use of Paracetamol as an Adjuvant in Chemical Maceration Technique for Forensic Skeletal Preparation*. International Forensics Symposium 2008, Universitas Udayana Bali, Indonesia.

### Professional Memberships

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- 2020 Member of the Malaysian Institute of Chemistry, ID: M/5423/8846/20, 2020 – present.
- 2020 General Member of the Australian and New Zealand Forensic Science Society (ANZFSS), ID: 4192, 2020 – present.
- 2019 Student Affiliate of the American Academy of Forensic Sciences, ID: 162819, 2019 – 2020.
- 2017 Student Member of the Australian and New Zealand Forensic Science Society (ANZFSS), ID: 4192, 2017 – 2019.
- 2017 Member of the International Association of Craniofacial Identification (IACI), 2017 – present.
- 2016 Student Member of Australasian Society for Human Biology (ASHB), 2016-2019.
- 2013 Member of Forensic Science Society Malaysia (FSSM), ID: FSSM/0342/13, 2013 – present.
- 2008 Member of Association of Scientific Officers Ministry of Health (ASOMH), Ministry of Health Malaysia, ID: 104-08, 2008 – present.
- 2003 Golden Key International Honour Society, GK ID Number: 2508178, 2003 – present.

## *Scholarly Activities*

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- 2021 Co-investigator, Developing Criteria for A Profession To Be Considered As Profession of Allied Health in Malaysia, Allied Health Sciences Division Ministry of Health Malaysia (National Medical Research Register Research ID: 57869).
- 2020 Project Team Member (Researcher) – WHO Programme Budget 2020/2021, Allied Health Sciences Division Ministry of Health Malaysia.
- 2020 Consulted by Manal Fathi A. M. Taher, Doctoral candidate, Universiti Putra Malaysia (Proposal and research methodology)
- 2018 Demonstrator on 'Forensic Anthropology: Understanding the Human Skeleton' for Centre for Forensic Anthropology UWA and Primary Extension and Challenge (PEAC) Outreach, Mount Claremont Primary School WA.
- 2017 Demonstrator for forensic anthropology and entomology, Forensic Field Day, Scitech Perth.
- 2017 Volunteer Tutor for FNSC2200 Mysteries of Forensic Science. Volunteer Tutor Exchange UWA.
- 2016 Tutor and laboratory demonstrator on "Chemistry – Thin Layer Chromatography" for FNSC2200 Mysteries of Forensic Science, School of Anatomy, Physiology and Human Biology UWA.
- 2016 Tutor and laboratory demonstrator on "Microscopy" for FNSC2200 Mysteries of Forensic Science, School of Anatomy, Physiology and Human Biology UWA.
- 2016 Demonstrator on "Estimation of Age, Sex and Ancestry from Human Bones" for World Biotech Tour, Scitech Perth.
- 2016 Laboratory demonstrator on "Adult Age Estimation" for Forensic Laboratory Day, School of Anatomy, Physiology and Human Biology UWA.
- 2015 Co-Supervisor, Forensic Dissertation MSc. Forensic Science, Session 2015/2016, Universiti Teknologi Malaysia, for Nuranis Raihan Zulkifly, Estimation of Stature from the Palm and Palm Print Among Iban Population.
- 2015 Coordinator and demonstrator, Forensic Science – Discovery Detective, Petrosains Playsmart Johor Bahru.
- 2015 External Examiner, Forensic Dissertation MSc. Forensic Science, Session 2014/2015, Universiti Teknologi Malaysia, for Rosaniza Kamarudin, Detection of Paraquat in Calliphorid Maggots by Capillary Electrophoresis for Diagnosing Fatal Poisoning.
- 2014 Co-Supervisor, Forensic Dissertation MSc. Forensic Science, Session 2014/2015, Universiti Teknologi Malaysia, for Ang Swee Boon, Estimation of Stature from Footprint and Foot Outline Measurement in Malaysian Sikhs.
- 2013 External Examiner, Forensic Dissertation MSc. Forensic Science, Session 2013/2014, Universiti Teknologi Malaysia, for Chai Chean Nee, Presence of Diatom Frustules from Selected Waters in Johor.

## *Leadership & Community Activities*

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- 2021 Member of *Persatuan Bekas Pelajar Sekolah Menengah (Sains) Sultan Haji Ahmad Shah (SEMSAS)*; EXSAS ID: 1609.
- 2020 Member of the Reviewing Committee for National Policy of Forensic Medicine Services Ministry of Health Malaysia, 2020 – present.
- 2020 Department Coordinator, Department of Forensic Medicine, Hospital Serdang, 2020 – present.
- 2020 Head of Committee for Research and Innovation, Department of Forensic Medicine Hospital Serdang, 2020 – present.



- 2020 Point of Care Testing (POCT) Committee, Hospital Serdang, 2020 – present.
- 2020 Alumni of The University of Western Australia, 2020 – present.
- 2019 UWA UniStart.
- 2018 UWA UniMentor, 2018 – 2019 (Mentees: three international PhD students).
- 2018 Participant of *Hari Sukan Negara* on 14/10/2018 organised by Consulate-General of Malaysia in Perth, Australia.
- 2018 Attendee of Eid-Fitri Networking Luncheon on 11/07/2018 organised by Consulate-General of Malaysia in Perth, Australia.
- 2018 President of Malaysian Postgraduate Students Association-Western Australia (MyPSA-WA) 2018 and 2019; member since 2016.
- 2018 Member of UWA Muslim Students' Association, 2018 – 2019.
- 2017 Participant of *Hari Sukan Negara* on 14/10/2017 organised by Consulate-General of Malaysia in Perth, Australia.
- 2016 Member of UWA Postgraduate Students' Association, 2016 – 2019.
- 2016 Member of UWA Student Guild, 2016 – 2019.
- 2014 Internal Auditor MS ISO 9001:2008, Hospital Sultanah Aminah Johor Bahru, 2014 – 2015.
- 2014 Chairperson of Research Committee for Forensic Science Officer, Allied Health Division, Ministry of Health, 2014 – 2015.
- 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 – 2014.
- 2013 Member of Forensic Anthropology Blueprint Group, Profession: Forensic Science Officer, 2013 – 2014.
- 2013 Writer and Translator for MyHealth Portal ([www.myhealth.gov.my](http://www.myhealth.gov.my)), 2013 – 2015.
- 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 Alumni of Universiti Teknologi Malaysia, 2012 – present.
- 2012 Member of Implementation Laboratory of Forensic Medicine, Forensic Medicine Service, National Institute of Forensic Medicine.
- 2012 Research Liaison Officer for Department of Forensic Medicine, Clinical Research Centre, Hospital Sultanah Aminah Johor Bahru, 2012 – 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 – 2016.
- 2007 Site Research Coordinator, National Suicide Registry Malaysia, 2007 – 2010.

2005 Alumni of Universiti Sains Malaysia, 2005 – present.

### **References**

#### **Dato' Dr Zahari Bin Noor**

National Head of Service for Forensic Medicine

Senior Consultant Forensic Pathologist & Head

Department of Forensic Medicine, Hospital Pulau Pinang, Jalan Residensi, 10990 Pulau Pinang, MALAYSIA

Phone: (+60)4 222 5333

Email: drzahari\_forensik@yahoo.com

#### **Assoc. Prof. Dr. Daniel Franklin**

Director, Centre for Forensic Anthropology, The University of Western Australia, M420, 35 Stirling Highway, Crawley, Western Australia, 6009 AUSTRALIA

Phone: (+618) 6488 1232

Email: daniel.franklin@uwa.edu.au