

#### **CURRENT POSITION**

Head of Anatomy Department, School of Medical Sciences, USM 2019 - Now

**Senior Medical Lecturer** 2017 - Now

#### CONTACT

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#### RESEARCHER PROFILE

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# SITI NURMA HANIM HADIE

MD (2005) UKM, MSc (Clinical Anatomy) (2010), USM, PhD (Medical Education) (2017, USM

#### **TEACHING EXPERIENCE**

**Teaching:** Teach gross anatomy, neuroanatomy, histology and embryology. Supervise Ph.D and Master candidates in Anatomy Education research

**Supervising & Mentoring:** 5 PhD students & 4 Master of Science students and more than 50 undergraduate students

### METHODOLOGY, HISTOLOGY AND HISTOMORPHOMETRYWORK EXPERIENCE

**House officer, Hospital Universiti Sains Malaysia** 2005–2006 Medicine, Surgery, Obstetrics & Gynecology and Anesthesiology

Medical officer, Hospital Raja Perempuan Zainab 2 (HRPZ), Kota Bharu

2006-2007

Pediatrics, Pathology & Orthopedics

Trainee Lecturer DU45, Anatomy Department, School of Medical Sciences, USM

2007-2010

Medical Lecturer DU45, Anatomy Department, School of Medical Sciences, USM

2010-2012

Medical Lecturer DU51, Anatomy Department, School of Medical Sciences, USM 2012-2017

#### FIELD OF SPECIALIZATION

Anatomy education, Cognitive Load Theory-based Teaching, Teaching methodology, Histology and histomorphometry

#### Manuscript Publication

- 1. Siti Nurma Hanim Hadie, Muhamad Saiful Bahri Yusoff, Wan Nor Arifin, Fazlina Kasim, Zul Izhar Mohd Ismail, Mohd Anizam Asari, Husnaida Abdul Manan @ Sulong, Asma' Hassan, Tg Fatimah Murniwati Tg Muda, Yasrul Izad Abu Bakar, Rasheeda Mohd Zamin, Elvy Suhana Mohd Ramli, Rafidah Hod, Saiful Bahri Talip, Ku Mastura Ku Mohd Noor, Yusoff Sharizal Yusoff Azmi Merican, Muhammad Fairuz Azmi, Atikah Abdul Latiff & Madihah Rushaidhi, 2021, Anatomy Education Environment Measurement Inventory (AEEMI): a cross-validation study in Malaysian medical schools, BMC Medical Education, 21(50), <a href="https://doi.org/10.1186/s12909-020-02467-w">https://doi.org/10.1186/s12909-020-02467-w</a> (ISI, Q1)
- 2. Siti Nurma Hanim Hadie, (2020), Five Tips for Managing Diagrams in Anatomy Lecture: The Cognitive Load Theory Perspective, Education in Medicine Journal
- 3. Muhamad Saiful Bahri Yusoff , Siti Nurma Hanim Hadie, Irfan Mohamad , Wan Faiziah Wan Abdul Rahman , Nani Draman , Muhd Al-Aarifin Ismail , Mohamad Najib Mat Pa , Nor Azwany Yaacob, 2020, Sustainable Medical Teaching and Learning During Covid-19 Pandemic: Surviving The New Normal, Malaysian Journal of Medical Sciences, 27/3:, 137-142 (Scopus, Q3)
- **4. Siti Nurma Hanim** Hadie, Asma' Hassan, Saiful Bahri Talip, Muhamad Saiful Bahri Yusoff, 2019, The Teacher Behavior Inventory: validation of teacher behavior in an interactive lecture environment, Teacher Development: 36-49 (ISI, Q2 Impact Factor: 0.57).
- 5. Siti Nurma Hanim Hadie, Anna Alicia Simok, Shamsi Amalina Binti Shamsuddin, Jamilah Al-Muhammady Mohammad, 2019, The impact of a pre-lecture educational video viewing on a difficult gross anatomy lecture comprehension, Journal of Taibah University Medical Sciences, 14(4), 395-401 (Impact Factor: 1.3, Scopus, Q2)
- **6.** Fazlina Kasim, Anna Alicia Simok, **Siti Nurma Hanim Hadie Haji**, Husnaida Abdul Manan @ Sulong, Muhamad Saiful Bahri Yusoff, Nor Farid Mohd Noor, Mohd Asnizam Asari, 2019, The Impact of Virtual Microscopy on Medical Students' Intrinsic Motivation, Education in Medicine Journal, 11/4:, (MyCITE)
- 7. Siti Nurma Hanim Hadie, Husnaida Abdul Manan @ Sulong, Asma' Hassan, Zul Izhar Mohd Ismail, Saiful Bahri Talip, Ahmad Fuad Abdul Rahim, 2018, Creating an engaging and stimulating anatomy lecture environment using the Cognitive Load Theory-based Lecture Model: Students' experiences, Journal of Taibah University Medical Sciences 13(2), 162-172 (Scopus, Q2, Impact Factor: 0.71)
- 8. Siti Nurma Hanim Hadie, Asma' Hassan, Zul Izhar Bin Mohd Ismail, Saiful Bahri Talip, Hairul Nizam Bin Ismail, Ahmad Fuad Bin Abdul Rahim, 2018, Empowering students' minds through a cognitive load theory-based lecture model: A metacognitive approach, Innovations in Education and Teaching International, 55(4), 398-407 (ISI, Q2,Impact Factor: 1.106)
- **9. Siti Nurma Hanim Hadie**, 2018, The application of learning taxonomy in anatomy assessment in medical school, Education in Medicine Journal, 10:, 13-23 (MyCite)
- 10. Norsuhana Omar, Yeoh Boon Seng, Siti Nurma Hanim Hadie Haji, 2018, Phy-Antastic Teaching: An Innovative Landscape for Malaysian Anatomical Education., Education in Medicine Journal, Volume 10:, 57-62 (MyCite)
- 11. Siti Nurma Hanim Hadie, Ismail ZIM, Asari MA, Kasim F, Yusof NAM, Husnaida Binti Abdul Manan @ Sulong, Arifin WN, Yusoff MSB, 2017, Anatomy Education Environment Measurement Inventory: A Valid Tool to Measure the Anatomy Learning Environment, Anatomical Sciences Education, 10(5):423-432. doi: 10.1002/ase.1683:, (ISI, Q1, Impact Factor: 4.5)
- **12. Siti Nurma Hanim Hadie**, Muhamad Saiful Bahri Yusoff, 2016, Assessing the validity of the cognitive load scale in a problem-based learning setting, Journal of Taibah University Medical Sciences, 11:, 194-202 (Scopus, Q2; Impact Factor: 1.3)
- **13.** Muhamad Saiful Bahri Yusoff, **Siti Nurma Hanim Hadie**, Ahmad Fuad Abdul Rahim, 2014, Adopting programmatic feedback to enhance the learning of complex skills, MEDICAL EDUCATION, 48: , (ISI, Q1; Impact Factor: 3.556)
- 14. Siti Nurma Hanim Hadie, Asma' Hassan, Zul Izhar Mohd Ismail, Mohd Asnizam Asari, Aaijaz Ahmad Khan, Fazlina Kasim, Nurul Aiman Mohd Yusof, Husnaida Abdul Manan @ Sulong, Tg Fatimah Murniwati Tg Muda, Wan Nor Arifin, 2013, Developing constructs of anatomy education environmentmeasurement: A Delphi study, Procedia Social and Behavioral Sciences 116 (2014) 4219 4223
- **15. Siti Nurma Hanim Hadie**, Asma' Hassan , Zul Izhar Mohd Ismail , Mohd Asnizam Asari , Aaijaz Ahmad Khan , Fazlina Kasim , Nurul Aiman Mohd Yusof , Husnaida Abdul Manan @ Sulong , Tg Fatimah Murniwati Tg Muda, Wan Nor Arifin, 2013, The need to have a Valid and reliable tool to measure the anatomy education environment, Education in Medicine Journal, 5:3, 81-85 (MyCITE)
- **16. Siti Nurma Hanim Hadie**, Husnaida Abdul Manan @ Sulong & Mohammad Shukri Abdullah, Year:2013, Title: Thyroid gland resection in 2euthanized rat: a practical guide, Journal: International Medical Journal, Volume (Issue): 20 (1), Page: 1-4
- 17. **Siti Nurma Hanim Hadie**, Mohammad Shukri Abdullah, Asma' Hassan, Year: 2013 Title: Effects of Carbofuran on thyroid stimulating hormone in sprague-dawley rats, Journal:
- **18. Siti Nurma Hanim Hadie**, Othman Mansor, Sharifah Emilia Tuan Shariff, Mohammad Shukri Abdullah, Asma' Hassan, Title: The effect of Carbofuran on thyroid gland of male rats, Journal: International Medical Journal, Volume (Issue):19(1), page:16-20. 20(2), Page:176-179.

#### Research Grants

- 1. Reconceptualizing clinical competencies for safe clinical practice through anatomy education lens, RM100,000.00, 01/11/2020-31/10/2023, Fundamental Research Grant Scheme Active (Principal Investigator)-
- 2. Customization of Materials for Development of Human Anatomy Models, RM28,944.00, 01/01/2021-31/12/2022, USM (Short Term) Active (Co-investigator)
- 3. The Design, Development and Validation of Workplace-based Surface Anatomy Teaching (WSAT) and Evaluation of Its Impact on Students' Learning Competencies, RM38,000.00, 01/07/2020-31/12/2023, RUI (Individual) Active (Principal Investigator)
- The Design, Development and Evaluation of a Persuasive Gamification Framework for Problem-Based Learning (PBL) Setting in Medical Schools, RM15,000.00, 01/05/2020-30/04/2022, Graduate Development Incentive University, Active, (Principal Investigator)
- 5. The Design, Development and Evaluation of the Multiple Systematic Horizontal Approach Model (MuSH-A) in Anatomy Teaching, RM38,000.00, 01/01/2020-31/03/2023 RUI (Individual), Active- (Principal Investigator)
- 6. Transforming the Universiti Sains Malaysia (USM)'s Undergraduate Students' Learning Experience Using The Cognitive Load Theory-based Lecture, RM17,130.00, 01/06/2019-31/05/2021, Academic University Grant, Active, (Principal Investigator)
- 7. The Evaluation of Students' Learning Performance After Team Based Learning (TBL) in Gross Anatomy Practical Session, RM5,000.00, 15/12/2018-14/12/2019, Bridging (Incentive), Completed-Principal Investigator
- 8. Exploring Students' Behavioral Change Towards Anatomy Learning After Anatomy Cognitive-Load-Based Lecture: A Qualitative Study, RM34,992.76, 01/03/2015-31/08/2017, USM (Short Term), Completed-Co-Investigator
- 9. Cognitive Load Theory in Anatomy Lecture: Impacts on Students' Understanding, Knowledge Retention and Satisfaction Towards the Lecture, RM47,600.00, 01/09/2014-28/02/2017, USM (Short Term), Completed-Co-Investigator.
- 10. Comparison of Optical Microscopy and Virtual Microscopy for Teaching Histology, RM40,664.00, 01/09/2014-31/08/2017 USM (Short Term) Completed-Co-Investigator.
- 11. Development and Validation of Anatomy Education Environment Measurement Inventory, RM40,000.00, 01/04/2014-31/03/2016 USM (Short Term) University, Completed-Co-Investigator.
- 12. The Effect of Carbofuran on Thyroid Gland of Rats, RM40,000.00, 01/07/2010-31/03/2013, Completed- (Principal Investigator)
- 13. The Preliminary Study on The Effect of Carbofuran on Thyroid Gland of Male Rats, RM5,000.00, 23/12/2008-24/12/2009, Incentive University, Completed- (Principal Investigator)

## Other Publication (Conference Proceedings, Teaching guidelines, workbook, MOOCs & Online Resources

- 1) Zul Izhar Mohd Ismail, Asma' Hassan, Aaijaz Ahmad Khan, Mohd Asnizam Asari, Tg Fatimah Murniwati Tg Muda, Fazlina Kasim, Nurul Aiman Binti Mohd Yusof, Husnaida Abdul Manan @ Sulong, Siti Nurma Hanim Hadie, 2011 Histology Practical Workbook (Musculoskeletal System), ISBN:978-967-5547-45-4Publisher: School of Medical Sciences (ISBN: 978-967-5547-45-4)
- 2) Siti Nurma Hanim Hadie @ Haji, Nurhafizah Ghani, Mohammad Shukri Abdullah, Asma' Hassan, 2012, Gender-Related Differences on the Thyroid Gland Histomorphometric Features of The Sprague-Dawley Rats Anatomy Association of Thailand, Proceeding of 2<sup>nd</sup> International Anatomical Sciences and Cell Biology Conference
- 3) Husnaida Abdul Manan, Najib Mat Pa, Siti Nurma Hanim Hadie, Muhammad Saiful Bahri Yusof, 2012, Plaster of Paris (POP) model casting in anatomy teaching: faculty perception on its feasibility, Proceeding of 2<sup>nd</sup> International Anatomical Sciences and Cell Biology Conference.
- 4) Nurhafizah Ghani, Siti Nurma Hanim Hadie @ Haji, Asma' Hassan, Sharifah Emilia Tuan Sharif, 2012, Histopathological alteration of thyroid gland of carbofuran-treated female rats, Proceeding of 17th National Conference on Medical and Health Sciences
- 5) Siti Nurma Hanim Hadie Haji, Asma' Hassan, Zul Izhar Bin Mohd Ismail, Mohd Asnizam B. Asari, Aaijaz Ahmad Khan, Fazlina Binti Kasim, Nurul Aiman Binti Mohd Yusof, Husnaida Binti Abdul Manan @ Sulong, Tg Fatimah Murniwati Tg Muda, Wan Nor Arifin Bin Wan Mansor, Muhamad Saiful Bahri Bin Yusof, 2013, Developing constructs of anatomy education environment measurement: A Delphi study. Proceeding of 5th World Conference on Educational Sciences.
- 6) Siti Nurma Hanim Hadie, Asma' Hassan, Ahmad Fuad Abdul Rahim, Zul Izhar Mohd Ismail and Hairul Nizam Ismail, 2014, Optimizing the students' visuospatial ability through gross anatomy lecture: a cognitive load theory approach, Proceeding of 3rd International Anatomical Sciences and Cell biology Conference.
- 7) Siti Nurma Hanim Hadie & Muhamad Saiful Bahri Yusoff, 2014, Anatomy assessment in medical school, Proceeding of 3rd International Anatomical Sciences and Cell biology Conference
- 8) Siti Nurma Hanim Hadie, Asma' Hassan, Ahmad Fuad Abdul Rahim, Zul Izhar Mohd Ismail and Hairul Nizam Ismail. 2014, Delivering effective anatomy lecture: A cognitive load theory perspective

- Elsevier (Annals of Anatomy)- Proceeding of 18th Congress of International Federations of Associations of Anatomists Venue
- 9) Siti Nurma Hanim Hadie, Asma' Hassan, Saiful Bahri Talip, Zul Izhar Mohd Ismail, Ahmad Fuad Abdul Rahim. 2016. Evaluation of students' performance after a Cognitive Load Theory-based gross anatomy lecture Proceeding of 9th International Cognitive Load Theory Conference, Venue: Ruhr University, Bochum, Germany
- 10) Siti Nurma Hanim Hadie & Muhamad Saiful Bahri. 2016, Assessing validity of the Cognitive Load Scale in Problem-based setting, Proceeding of 9th International Cognitive Load Theory Conference,
- 11) Siti Nurma Hanim Hadie, Asma' Hassan, Saiful Bahri Talip, Zul Izhar Mohd Ismail, Ahmad Fuad Abdul Rahim. 2017, Delivering gross anatomy lecture using the Cognitive Load Theory-based Lecture Model: Effects on students' knowledge acquisition and retention, Proceedings of 7th Asia Pacific International Congress of Anatomists.
- 12) Shamsi Amalina Shamsuddin, Anna Alicia Simok, Jamilah Al-Muhammady Mohammad &Siti Nurma Hanim Hadie. 2018, The impact of a pre-lecture educational video viewing on gross anatomy lecture comprehension, Proceeding of Malaysian Anatomical Association Education Symposium (MAAES)
- 13) Shamsi Amalina Shamsuddin, Fazlina Kasim, Jamilah Al-Muhammady Mohammad, Muhamad Saiful Bahri Yusoff & Siti Nurma Hanim Hadie, 2018, TBL-based anatomy practical: An innovative way for gross anatomy practical session, Proceeding of Malaysian Anatomical Association Education Symposium (MAAES).
- 14) Anna Alicia Simok, Siti Nurma Hanim Hadie, Husnaida Binti Abdul Manan@Sulong, Muhamad Saiful Bahri Yusoff, Nor Farid Bin Mohd Noor, Mohd Asnizam Asari, Delly Sari Fitries & Fazlina Kasim. 2018, The intrinsic motivation on learning histology using optical microscopy and virtual microscopy, Proceeding of Malaysian Anatomical Association Education Symposium (MAAES).
- 15) Mohamad Syabil Ikhwan, Mohd Asnizam Asari, Zul Izhar Mohd Ismail, Fazlina Kasim, Nurul Aiman Mohd Yusof&Siti Nurma Hanim Hadie, 2018, Students' evaluation on the OSCE-based anatomy practical session in School of Medical Sciences, Universiti Sains Malaysia, Proceeding of Malaysian Anatomical Association Education Symposium (MAAES).
- 16) Shamsi Amalina Shamsuddin, Anna Alicia Simok, Jamilah Al-Muhammady Mohammad, Siti Nurma Hanim Hadie, 2018, The impact of pre-lecture educational video on gross anatomy lecture comprehension, Proceeding of Malaysian Anatomical Association Education Symposium (MAAES).
- 17) Siti Nurma Hanim Hadie, Date: September- October 2017, Title: Long live the lecture! Don't blame the tool: It's us, folks. Magazine: Educator's Avenue: Lectures: Rest in Peace, Publisher: School of Medical Sciences, Volume: 2, Page:8-10. Sole author, School of Medical Sciences, USM, Educator's Avanue, (ISSN: e-ISSN 2600-8807)
- 18) Siti Nurma Hanim Hadie, Date: January-March 2018, Title: Teaching tips: The isolated interacting element effect. Magazine: Educator's Avenue: Mentoring and Supervision, Publisher: School of Medical Sciences, Volume: 3(1), Page:10-12. Sole author, School of Medical Sciences, USM, Educator's Avanue (ISSN: e-ISSN 2600-8807)
- 19) Siti Nurma Hanim Hadie, Date: April- Junee 2018, Title:Teaching tips: The split-attention effect,. Magazine: Educator's Avenue: Flip your class, Publisher: School of Medical Sciences, Volume: 3(2), Page:10-12.Sole author, School of Medical Sciences, USM, Educator's Avanue (ISSN: e-ISSN 2600-8807)
- 20) Wan Faiziah Wan Abdul Rahman, Irfan Bin Mohamad, Nor Azwany Yaacob, Siti Nurma Hanim Hadie @ Haji, Muhamad Saiful Bahri Yusoff, Muhd Al-aarifin Ismail, Nani Draman, Mohamad Najib Mat Pa. 2020, Pandemik COVID-19: Cabaran Normal Baharu Pensyarah Perubatan Universiti Sains Malaysia, Penerbit USM (Universiti Sains Malaysia), School of Medical Sciences, USM in collaboration with KPJ Healthcare, <a href="http://covid19.kk.usm.my/index.php">http://covid19.kk.usm.my/index.php</a>
- 21) Siti Nurma Hanim Hadie @ Haji, Shamsi Amalina Shamsuddin, Faizah Md Nawi, Muhamad Nor Firdaus Ab. Rahman, Norhana Md Arshad, 2020, Massive Open Online Course, Topic: Anatomy of Peripheral Nervous System, https://www.openlearning.com/usmmooc/courses/peripheral-nerves-made-easy/
- 22) Shamsi Amalina Shamsuddin, Siti Nurma Hanim Hadie @ Haji, Faizah Md Nawi, Muhamad Nor Firdaus Ab. Rahman, Norhana Md Arshad, 2020, Massive Open Online Course, Topic: Anatomy of Central Nervous System, https://www.openlearning.com/usmmooc/courses/cerebrum-made-easy/
- 23) Vina Than Phei Sean, Siti Nurma Hanim Hadie @ Haji, Shamsi Amalina Shamsuddin, Muhamad Nor Firdaus Ab. Rahman. 2020, Massive Open Online Course, Topic: Bone & Muscle Health: Exercise & Nutrition, https://www.openlearning.com/usmmooc/courses/bone-muscle-health-exercise-nutrition/
- 24) Muhamad Saiful Bahri Yusoff, Nurhanis Syazni Roslan, Siti Nurma Hanim Hadie, 2017, Massive Open Online Course, Topic: Teaching By Design, https://www.openlearning.com/courses/teaching-by-design/
- 25) Siti Nurma Hanim Hadie, 2016, The Cognitive Load Theory based Lecture Model: A step-by-step approach for preparing and delivering an effective lecture, Main author, Publisher: School of Medical Sciences, (ISBN: 978-967-0486-82-6)
- 26) Mohd Asnizam Asari, Zul Izhar Mohd Ismail, Fazlina Kasim, Nurul Aiman Mohd Yusof, Siti Nurma Hanim Hadie, Anna Alicia Simok, Histology Workbook for First Year Medical Students: Volume 1, School of Medical Sciences, (ISBN: 978-967-0486-89-5)
- 27) Mohd Asnizam Asari, Zul Izhar Mohd Ismail, Fazlina Kasim, Nurul Aiman Mohd Yusof, Siti Nurma Hanim Hadie, Histology Workbook for Medical Students. Volume: 2School of Medical Sciences (ISBN: 978-967-0486-84-0)
- 28) Mohd Asnizam Asari, Zul Izhar Mohd Ismail, Fazlina Kasim, Nurul Aiman Mohd Yusof, Siti Nurma Hanim Hadie, Histology Workbook for Medical Students. Volume: 3,2017, School of Medical Sciences (ISBN: 978-967-0486-88-8)

- 29) Zul Izhar Bin Mohd Ismail, Siti Nurma Hanim Hadie @ Haji, Mohd Asnizam Asari, Husnaida Abdul Manan @ Sulong, 2012 Gross Anatomy Practical Workbook (Osteology of Bony Pelvis), Co-author, School of Medical Sciences, (ISBN: 978-967-0486-83-3)
- 30) Zul Izhar Mohd Ismail, Siti Nurma Hanim Hadie, Mohd Asnizam Asari, Husnaida AbdulManan @ Sulong., 2012, Gross Anatomy Practical Workbook: (Osteology of The Skull), School of Medical Sciences, (ISBN:978-967-5547-44-7)
- 31) Author: Siti Nurma Hanim Hadie, Asma' Hassan, Zul Izhar Mohd Ismail, Aaijaz Ahmad Khan, Mohd Asnizam Asari, Tg Fatimah Murniwati Tg Muda, Fazlina Kasim, Nurul Aiman Mohd Yusof, Husnaida Abdul Manan @ Sulong.2011, Histology Practical Workbook (Cardiovascular System), School of Medical Sciences, (ISBN:978-967-5547-44-7)
- 32) Fazlina Kazim, Asma' Hassan, Zul Izhar Mohd Ismail, Aaijaz Ahmad Khan, Mohd Asnizam Asari, TgFatimah Murniwati Tg Muda, Nurul Aiman Mohd Yusof, Husnaida Abdul Manan @ Sulong, SitiNurma Hanim Hadie, 2011 Histology Practical Workbook (Cell and Tissue), School of Medical Sciences, (ISBN: 978-967-5547-49-2)
- 33) Aaijaz Ahmad Khan, Asma' Hassan, Zul Izhar Mohd Ismail, Mohd Asnizam Asari, Tg Fatimah Murniwati Tg Muda, Nurul Aiman Mohd Yusof, Fazlina Binti Kasim, Husnaida Binti Abdul Manan @ Sulong, Siti Nurma Hanim Hadie, 2011, Histology Practical Workbook (Nervous System), School of Medical Sciences, (ISBN: 978-967-5547-42-3)
- 34) Zul Izhar Mohd Ismail, Asma' Hassan, Aaijaz Ahmad Khan, Mohd Asnizam Asari, Tg Fatimah Murniwati Tg Muda, Nurul Aiman Mohd Yusof, Fazlina Kasim, Husnaida Abdul Manan @ Sulong, Siti Nurma Hanim Hadie, 2011, Histology Practical Workbook (Lymphoid system), School of Medical Sciences, (ISBN: 978-967-5547-46-1)
- 35) Asma' Hassan, Zul Izhar Mohd Ismail, Aaijaz Ahmad Khan, Mohd Asnizam Asari, Tg Fatimah Murniwati Tg Muda, Fazlina Kasim, Nurul Aiman Mohd Yusof, Husnaida Abdul Manan @ Sulong, Siti Nurma Hanim Hadie, 2011, Histology Practical Workbook (Endocrine System), ISBN: 978-967-5547-46-1, School of Medical Sciences, (ISBN: 978-967-5547-51-5)
- 36) Tg Fatimah Murniwati Tg Muda, Asma' Hassan, Zul Izhar Mohd Ismail, Aaijaz Ahmad Khan, Mohd Asnizam Asari, Fazlina Kasim, Nurul Aiman Mohd Yusof, Husnaida Abdul Manan @ Sulong, Siti Nurma Hanim Hadie, 2011, Histology Practical Workbook (Respiratory System), ISBN: 978-967-5547-48-5, School of Medical Sciences, (ISBN: 978-967-5547-48-5)
- 37) Husnaida Abdul Manan @ Sulong, Asma' Hassan, Zul Izhar Mohd Ismail, Aaijaz Ahmad Khan, MohdAsnizam Asari, Tg Fatimah Murniwati Tg Muda, Fazlina Kasim, Nurul Aiman Mohd Yusof, Siti Nurma Hanim Hadie, 2011, Histology Practical Workbook (Renal System), ISBN: 978-967-5547-47-8, School of Medical Sciences, (ISBN: 978-967-5547-47-8)
- 38) Mohd Asnizam Asari, Asma' Hassan, Zul Izhar Mohd Ismail, Aaijaz Ahmad Khan, Tg Fatimah Murniwati Tg Muda, Fazlina Kasim, Nurul Aiman Mohd Yusof, Husnaida Abdul Manan @ Sulong, SitiNurma Hanim Hadie, 2011, Histology Practical Workbook (Gastrointestinal System), School of Medical Sciences (ISBN: 978-967-5547-50-8)
- 39) Histology Nurul Aiman Mohd Yusof, Asma' Hassan, Zul Izhar Mohd Ismail, Aaijaz Ahmad Khan, Mohd AsnizamAsari, Tg Fatimah Murniwati Tg Muda, Fazlina Kasim, Husnaida Abdul Manan @ Sulong, Siti Nurma Hanim Hadie, 2011, Practical Workbook (Reproductive System), ISBN:978-967-5547-43-0, School of Medical Sciences, (ISBN: 978-967-5547-43-0)
- 40) Zul Izhar Mohd Ismail, Asma' Hassan, Aaijaz Ahmad Khan, Mohd Asnizam Asari, Tg Fatimah Murniwati Tg Muda, Fazlina Kasim, Nurul Aiman Binti Mohd Yusof, Husnaida Abdul Manan @ Sulong, Siti Nurma Hanim Hadie, 2011 Histology Practical Workbook (Musculoskeletal System), ISBN:978-967-5547-45-4Publisher: School of Medical Sciences (ISBN: 978-967-5547-45-4)

#### **Awards**

- 1) 2013 Anugerah Perkhidmatan Cemerlang
- 2) 2016 Best Elective Supervisor Award, School of Medical Sciences, USM
- 3) 2016 Anugerah Pensyarah Pre-klinikal Pilihan Pelajar (Wanita)
- 4) 2016 Best Poster Award in 7th Asia Pacific International Congress of Anatomists
- 5) 2016 Silver Medal 3rd International Innovative Practices in Higher Education
- 6) 2016 Gold Medal Rugayah Ja'afar Health Profession Education Award
- 7) 2018 Anugerah Sanggar Sanjung (Research publication)
- 8) 2018 Silver Medal Innovation in Teaching and Learning competition (ITLC)
- 9) 2020 Anugerah Perkhidmatan Cemerlang