

Farah Hanis Binti Juhari (Phd)

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Skudai, Johor

RESEARCH AND TEACHING EXPERIENCE

University of Technology Malaysia

Lecturer & researcher

Oct. 2016 – Present

Skudai, Johor

Faculty of Veterinary Medicine, Universiti Putra Malaysia

Research Assistant

January 2010 – December 2010

Serdang, Selangor

- Facilitated undergraduate students in behavioral study of captive tiger at National Zoo, Kuala Lumpur.

Centre for Gene Analysis and Technology, National University of Malaysia

Research Assistant

February – November 2009

Bangi, Selangor

- Conducted research on infection by *Staphylococcus aureus*, modeling the host response using *Caenorhabditis elegans*.

OTHER WORK EXPERIENCE

Wondercare Veterinary Clinic

Branch Manager, Veterinary Nurse

May 2014 – October 2016

Taman Johor Jaya, Johor

- Supervised staff, interacted and communicated with clients. Participated in creating and implementing marketing strategy. My role also involved liaising with animal NGOs.
- My other responsibilities encompassed medicating and monitoring patients, managing and restraining animals, administering anesthetics and drugs and collecting appropriate samples for diagnostic testing.

Honeyvets Veterinary Clinic and Shoppe

Veterinary Assistant

April 2013 – March 2014

Bandar Baru Bangi, Selangor

- Responsible for animals under care, administer medications, assist veterinarian during surgeries and examinations. I conducted general tasks such as maintaining and organizing patients records, prepare bills and collect payment, assist and educating pet owners about pets' illness and general health care.

EDUCATION

Universiti Putra Malaysia

PhD (Animal Behavior and Welfare)

November, 2022

Serdang, Selangor

- Research titled: The relationship between feed management toward stress responses and the welfare of horses in Malaysia
- Published in five articles in Web of Science indexed journals.
- Awarded with Developing Nations Research Grant Animal Behavior Society – 2021 Funding Cycle.
- Presented at three international conferences.

Universiti Putra Malaysia

Master of Science (Animal Behavior and Welfare)

December, 2015

Serdang, Selangor

- Research titled: Stereotypic pacing response of captive leopards (*Panthera pardus linnaeus*) to feeding and olfactory enrichment in Malaysian zoos.
- Awarded with 2010 National Science Fellowship, Ministry of Science, Technology & Innovation (MOSTI)

- Dissertation titled: Effects of chronic administration of *stevia rebaudiana* on sperm quality, histology, and sex behaviour of rats.

PUBLICATIONS

- Hanis, F., Chung, E. L. T., Kamalludin, M. H., and Idrus, Z. (2020a). Discovering the relationship between dietary nutrients and cortisol and ghrelin hormones in horses exhibiting oral stereotypic behaviors: A review. *Journal of Veterinary Behavior*, 39, 90–98. (Q2: IF: 1.590)
- Hanis, F., Chung, E. L. T., Kamalludin, M. H., and Idrus, Z. (2020b). The influence of stable management and feeding practices on the abnormal behaviors among stabled horses in Malaysia. *Journal of Equine Veterinary Science*, 94. (Q3: IF: 0.927)
- Hanis, F., Chung, E. L. T., Kamalludin, M. H., and Idrus, Z. (2021). Do nutrient composition of feedstuffs affect the proportion of oral stereotypies and redirected behaviors among horse working groups? *Journal of Veterinary Behavior*, 46, 7–14. (Q1: IF: 1.938)
- Ashari, N. F. A. M., Hanis, F.*, Yunus, M. R. M., and Baharudin, F. (2021). 100 Effects of space and exercise on the rolling behavior in stabled horses. *Journal of Equine Veterinary Science*, 100, 103563. <https://doi.org/10.1016/j.jevs.2021.103563>
- Hanis, F., Chung, E. L. T., Kamalludin, M. H., and Idrus, Z. (2022). Blood profile, hormones, and telomere responses: potential biomarkers in horses exhibiting abnormal oral behavior. *Journal of Equine Veterinary Science*, 118, 104130. (Q2, IF: 1.386)
- Hanis, F., Chung, E. L. T., Kamalludin, M. H., and Idrus, Z. (2023). Effect of feed modification on the behavior, blood profile, and telomere in horses exhibiting abnormal oral behaviors. *Journal of Veterinary Behavior*, 60, 28-36. (Q2: IF: 1.975)
- Zailani, NIM., Hanis, F.*, Anuar, MAM. (2024) Assessing the cost efficiency and benefits of sawdust, pinewood, and rubber wood shavings as bedding materials. *Journal of Equine Veterinary Science*, 134, 105018 (Q3:IF:1.3)

OTHER PUBLICATIONS

- Hanis, F., Mohd Lazaldin, M.A. (2023, Nov 11). Pinktober explore in conjunction with Cancer and Infectious Diseases Research Group (CAID) breast cancer awareness 2023. *UTM NewsHub*. <https://news.utm.my/2023/11/pinktober-explore-in-conjunction-with-cancer-and-infectious-diseases-research-group-caid-breast-cancer-awareness-2023/>

CONFERENCES

- The 60th Annual Conference of the Animal Behavior Society 2023 (Presenter)
- International Animal Behavior Twitter Conference 2023 (Presenter)
- 2021 Equine Science Society Virtual Symposium (Presenter)
- The 58th Annual Conference of the Animal Behavior Society 2021 (Presenter)
- The 57th Annual Conference of the Animal Behavior Society 2020 (Participant)
- The 1st Joint Graduate Seminar on Animal Science Universiti Putra Malaysia and Universitas Gadjah Mada, Indonesia (Presenter)

GRANTS

- 2018 - University of Technology Malaysia - GUP Tier 2 (RM20000) – Principal Investigator.
- 2022 - University of Technology Malaysia – UTM Encouragement Research (RM58800) – Member
- 2023 - Ministry of Higher Education - FRGS (RM100090) - Principal Investigator
- 2024 - Malaysian Research University Network Research Officer Grant Scheme (MRUN) (MROGS) (RM30000) - Member

HONORS AND AWARDS

- Developing Nations Research Grant Animal Behavior Society (2021).
- Excellence Service Award (Faculty Level, University of Technology Malaysia) (2021).
- Excellence Service Award (Faculty Level, University of Technology Malaysia) (2020).
- UTMLead Award of Excellence – Active Blended Learning Course (SMBQ3263 Equine Quarantine) (2019).
- UTMLead Award of Excellence – Active Blended Learning Course (SMBQ3263 Equine Quarantine) (2017).
- UTMLead Award of Excellence – Active Blended Learning Course (SMBQ1203 Equine Anatomy and Physiology) (2016).
- National Science Fellowship, Ministry of Science, Technology & Innovation (MOSTI) (2010).
- Second lieutenant, Malaysia Territorial Army Regiment (2008).

CERTIFICATIONS, COURSES, WORKSHOPS, SKILLS & INTERESTS

- **Selected certifications/courses:**
 - First Aid for Pets (Udemy) -2023
 - Rat Tickling Course Certification (Purdue University) - 2023
 - Introduction Workshop on Laboratory Animals Care and Management - 2022
 - Pet Nutrition Certification (New Skills Academy) – 2021
 - Animal Psychology/ Pet Behavior (Udemy) – 2020
 - Equine Psychology Course Diploma (Centre of Excellence) – 2020
 - Mastering Data Analysis Using SPSS – 2017
 - Platoon Commander Course - Malaysia Territorial Army Regiment (Series 1-2013).
- **Skills:**
 - Animal handlings:
 - Proficient in handling a variety of domestic and laboratory animals, including dogs, cats, rabbits, rodents and horses.
 - Knowledgeable in animal behavior and able to recognize signs of distress or illness.
 - Knowledgeable in cleaning and sterilizing animal care equipment and facilities to prevent the spread of disease and ensure a safe environment for animals and staff.
 - Competent in collecting samples for diagnostic testing, such as blood, urine, feces, and tissue samples.
 - Laboratory skills:
 - Skilled in performing a range of laboratory techniques, including but not limited to, DNA extraction, PCR, qPCR, gel electrophoresis and ELISA.
 - Skilled in handling laboratory general equipment (i.e: pipettes, centrifuges, spectrophotometers).
 - Knowledgeable in laboratory safety protocols, including hazardous waste disposal, handling of biohazardous materials, and emergency response procedures.
 - Competent in performing statistical analysis and data interpretation using software such as

Excel, SPSS, or SAS.

- Software skills:
 - Proficient in using Microsoft Office Suite (Word, Excel, PowerPoint, and Outlook) for various tasks, such as document creation, data analysis, presentation development, and email management.
 - Familiar with graphic design software such as Canva and Chatgpt to create visual content, including logos, brochures, or social media posts.
- **Interests:** Volunteer works, singing, sleeping, reddit, an avid reader of psychological thriller genre, passionate about cats.

PROFESSIONAL MEMBERSHIP

- Animal Behavior Society - Developing nation member (2020 – present).
- Malaysia Nature Society – Member (2017 – present).

PAST COMMITMENT

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| 2024 | International University | Developing nation member • Animal Behavior Society Layout editor • Journal of Human Centered Technology Committee member • Human Centered Technology Conference (iHumEnTech) 2024 |
| | Faculty | Taskforce Biosciences Virtual Laboratory Head project • Skin Cancer and Sun Awareness Program |
| 2023 | International University | Developing nation member • Animal Behavior Society Layout editor • Journal of Human Centered Technology Senior lecturer DS52 Master of ceremony • IJN-UTM Cardiovascular Engineering Center CEO talk Master of ceremony • UTM Research Ethics nurturing awareness on ethics of animal usage in research Committee member • UTM Research Ethics laboratory animal handling hands-on workshop Advisor • Workshop on Improving Research Ethics Committee Management at UTM Faculty Head project • Menopause awareness program Secretary • Breast cancer awareness program Program manager • Explorace breast cancer Chairman • MMBE Project 1 Coordinator/Fasilitator • Bioscience First Year Experience 2023 Committee member • Faculty Research and innovation Committee member • BSc Equine Management pre-accreditation program taskforce Protocol • International Postgraduate Poster Conference 2024 Member • Adventure and creation club UTM |
| 2022 | International Faculty | Developing nation member • Animal Behavior Society Taskforce • Breast cancer awareness program Master of ceremony • International Postgraduate Poster Conference 2022 Panel • International Postgraduate Poster Conference 2022 Chairman • International Postgraduate Poster Conference 2022 Member • Adventure and creation club UTM |
| 2019 - 2022 | | PhD Study leave |

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| 2018 | Faculty | Head advisory • UTM show jumping team, Selangor Turf Club annual horse show Faculty Taskforce • Full accreditation program BSc Equine Management Committee member • Cancer and infectious disease research group Crack the code workshop Advisor • Equine Club UTM Supervisory • Final year project BSc Equine Management Academic advisor BSc Equine Management Rescuer • Faculty of bioscience and medical engineering Blok A fire drill |
| 2017 | University Faculty | Veterinary assistance • UTM Equine Park Committee member • International Conference of Medical Device and Technology 2017 Supervisory • Final year project BSc Equine Management Academic advisor BSc Equine Management Taskforce • Full accreditation program BSc Equine Management Taskforce • Equine taskforce |
| Oct 2016 | University | Lecturer DS45 |

COMMUNITY ENGAGEMENT

- Breast Cancer Awareness – Faculty Science, University of Technology Malaysia (2022 - Present)
 - A proactive effort to educate and inform students and the community about breast cancer risk factors, early detection, and treatment options through webinars and interactive educational activities such as a race game for junior high school students.
- Tree Planting – Global Environment Centre Community (Volunteer) (2021 - 2022)
 - The Tree Planting initiative by the Global Environment Centre Community is an effort to address deforestation and promote environmental conservation by planting trees and restoring degraded forests in Malaysia.
- Beach clean-up – Beach Cleanup Community (Volunteer) (2019 - present)
 - A grassroots effort to raise awareness about marine pollution and promote a cleaner and healthier environment by organizing regular beach clean-up events and removing litter and debris from Malaysia's coastline.
- Trash Hero Malaysia Community (Volunteer) (2019 - present)
 - A volunteer-driven organization that aims to tackle plastic pollution and promote waste reduction through community-led activities such as beach clean-ups, educational programs, and sustainable living initiatives.
- SPCA Johor (Adoption drive program) (2014 - 2016)
 - SPCA Johor is a non-profit organization dedicated to improving the welfare of animals in Johor, Malaysia, through rescue, rehabilitation, adoption, and education programs.
- MYCAT “Harimau untuk selamanya” Sungai Yu, Pahang Outreach Programme (2010)
 - MYCAT outreach program is an initiative aimed at promoting awareness and conservation of Malaysia's dwindling wild tiger population through education, community engagement, and advocacy.

STUDENT ACTIVITIES

- First Year Experience Semester - Department of Biosciences, Faculty Science (2023)
- International Postgraduate Poster Conference 2022 – SKBSK (2022).
- Selangor Turf Club Horse Show Volunteering Programme – Academic advisor (2022).
- UTM Equine Scholar Student Society – Academic advisor (2018-2019).

- UTM Horse showjumping team/ Equine Scholar Student Society – Head project (2018).
- Selangor Turf Club Horse Show Volunteering Programme – Academic advisor (2018).
- Selangor Turf Club Horse Show Volunteering Programme – Academic advisor (2017).
- Gunung Arong Hiking day BIOMEHS Student Society (2017).