

Hawar M. H. Zebari

Department of Animal Production,
College of Agricultural Engineering Science
University of Duhok, Duhok, Kurdistan Region, Iraq
+964(750)457-4834
hawar.mikahil@uod.ac

Education

- Ph.D., Investigations of factors that influence oestrus expression in dairy cattle. Harper Adams University, Newport, shropshire, UK, 2019.
- M.S., Animal Physiology, Department of Animal Production, University of Duhok, 2011.
- B.S., Animal Production, Department of Animal Production, University of Duhok, 2005.

Research Interests

- Animal physiology
- Reproductive physiology
- Dairy cattle production
- Animal Behaviour

Employment Experience

- Lecturer. Department of Animal Production, College of Agricultural Engineering Science, University of Duhok, September 2011 - May 2015 and from May 2019 to present.
- PhD student. Department of Animal Production, Welfare and Veterinary Sciences, Harper Adams University, January 2016 - May 2019.
- Researcher Assistant. Department of Animal Production, College of Agricultural Engineering Science University of Duhok, January 2007 - September 2011.

Research

Publications

- **Hawar M.H. Zebari**, E.T.S. Buti, R.A.H. Hamo (2013). Some blood biochemical parameters of meriz does during different physiological status. Scientific Journal of Animal Science (2013) 2(7) 190-194
- Mwafaq S. Q. Barwary, Araz Q. S. Barwary and **Hawar M.H. Zebari** (2014). Influence of Prostaglandin F2 α Injection on Semen Characteristics and Some Enzymatic Activity in Meriz Bucks. Journal of Anim Sciences, 2(1): pp 6-10.

- Rabee A.S. Oramari, Araz O. Bamerny, **Hawar M.H. Zebari** (2014). Factors Affecting Some Hematology and Serum Biochemical Parameters in Three Indigenous Sheep Breeds. *Advances in Life Science and Technology*, Vol. 21, 2014. Pp 56-62.
- **Hawar M.H. Zebari** (2014). Effect of oxytocin injection and collection intervals on the semen output and quality during breeding and nonbreeding season of local Meriz Buck. *Journal of University of Duhok (Agri. And Vet. Sciences)*, Vol. 17, No. 1, Pp 144-149, 2014.
- **Zebari, H.M.**, Rutter, S.M. and Bleach, E.C., 2018. Characterizing changes in activity and feeding behaviour of lactating dairy cows during behavioural and silent oestrus. *Applied Animal Behaviour Science*, Vol. 206, 2018. Pp. 12-17. Impact factor: 1.548. Cite score: 1.97.
- **Hawar M.H. Zebari**, S. Mark Rutter, Emma C.L. Bleach (2019). Fatty acid profile of milk for determining reproductive status in lactating Holstein Friesian cows. *Animal Reproduction Science*, Vol. 202, 2019. Pp. 26-34. Impact factor: 1.647. Cite score: 1.85.
- **Hawar M.H. Zebari (2020)**. Factors that influence on reproductive efficiency in Karadi and Awassi sheep raised under traditional conditions. *Journal of University of Duhok*, Vol. 2, Issue 23, 2020.
- **Ronak A. Meshabaz, Nizar J. Hussein, Assel. A. I. Al-nakshabandi. Hawar M.H. Zebari and Nareen. S. A. Ali (2020)**. University Students' Attitudes Towards Animal Welfare in Duhok Zoo (2020). *JOCEF*, Vol. 01, No. 1, Pp. 25-28, 2020.

Under Peer-Review

- Characterizing changes in oestrus behaviour during first, second and third oestrus postpartum of lactating dairy cows

Works in Progress

- The relationship between oestrous activity and milk oestradiol concentrations in lactating Holstein Friesian cows

Conference Preceding and Presentations

- **Zebari, H M.**, Rutter, S.M. and Bleach, E.C., 2018. Characterizing the activity and feed intake of lactating dairy cows during the peri-oestrus period. In: annual international conference of British Society of Animal Science (BSAS) from 25th to 27th of April 2017 at Chester University, Chester, UK, (Abstract). Published in *Journal of Animal*, April 2017, Volume 8, Part 1, p69.
- **Zebari, H.M.**, Rutter, S.M. and Bleach, E.C., 2017. Characterizing changes in feeding behaviour of lactating dairy cows during the peri-oestrus period. In: annual international conference of International Society of Applied Ethology (ISAE) 2017 from 7th to 10th of August, Aarhus University, Aarhus, Denmark. (Abstract). Topic 04, p124. *Applied ethology* 2017.
- **Zebari, H M.**, Rutter, S.M. and Bleach, E.C., 2018. Effect of number of cows in oestrus simultaneously on activity of dairy cows in oestrus. In: annual international conference of British

Society of Animal Science (BSAS) from 8th to 11th of April 2018 at Cork Park, Dublin, South Ireland. (Abstract). Published in Journal of Animal, April 2018, Volume 8, Part 1, p114.

- **Zebari, H M.,** Rutter, S.M. and Bleach, E.C., 2018. Effect of body condition score on activity of dairy cows in estrus. In: annual international conference of American Dairy Science Association (ADSA) from 24th to 27th of June 2018, Knoxville, Tennessee, USA. Published in Journal of Dairy Science Vol. 101, p27, Suppl. 2, 2018.
- **Zebari, H M.,** Rutter, S.M. and Bleach, E.C., 2018. Acetic acid and Arachidonic acid profile of bovine milk as oestrus detection method during spontaneous oestrus in lactating cow. In: annual international conference of the UK Fertility Societies on 3rd to 5th of January 2019, at the ICC in Birmingham, UK. (Abstract).
- **Zebari, H M.,** Rutter, S.M. and Bleach, E.C., 2019. The relationship between milk oestradiol concentrations and activity during oestrus in lactating Holstein Friesian cows. In: annual international conference of British Society of Animal Science (BSAS) from 8th to 11th of April 2018 at Edinburgh International Conference Centre, Edinburgh, Scotland, UK. (Abstract). Published in Journal of Animal, April 2019, Volume 9, Part 1, p116. ISSN: 2040-4700.

Teaching Experience

- Animal Physiology
- Reproductive Physiology and Artificial Insemination
- Endocrinology
- Avian Physiology
- Animal Behaviour and Welfare
- Dairy Cattle Production

Awards and Scholarships

- English language course at Harper Adams University, Newport Shropshire, UK from 3/5/2015 until 14/12/2015.
- 2015 Scottish Accreditation Board Award, EIL (National Legislation, Ethics, Animal Welfare, and the 3Rs-Level 1), PIL A (Basic and Appropriate Biology Theory/skills, Animal Care, Health and Management, Recognition of Pain, Suffering and Distress, Human Methods of Killing Theory/skills, Minimally Invasive Procedures Without Anaesthesia Theory, Minimally Invasive Procedures Without Anaesthesia Skills. Species covered: Cattle, Sheep/goats and pigs.
- 2015-2019 The Higher Committee for Education Development in Iraq PhD Scholarship

Workshop and Conferences Attendance

- The 1st Scientific Agricultural Conference of the faculty of Agriculture and Forestry, University of Duhok, Kurdistan Region-Iraq, 10th to 12th of April, 2012.
- An international conference of British Society of Animal Science (BSAS) from 5th to 7th of April 2016 at Chester University, Chester, UK.

- Promoting Yourself (Workshop), 5th of April 2016, University of Chester, Chester, UK.
- Dolen Ffermio Conference on 9th December, 2016, at Llanfyllin High School, Llanfyllin, Wales, UK.
- An international conference of British Society of Animal Science (BSAS) from 25th to 27th of April 2017 at Chester University, Chester, UK.
- An annual international conference of International Society of Applied Ethology (ISAE) from 8th to 11th of August 2017, Arhus University, Aarhus, Denmark.
- An international conference of British Society of Animal Science (BSAS) from 8th to 11th of April 2018 at Cork Park, Dublin, South Ireland.
- An annual international conference of the UK Fertility Societies from 3rd to 5th of January 2019, at the International Conference Centre in Birmingham, UK.
- An international conference of British Society of Animal Science (BSAS) from 8th to 11th of April 2019 at Edinburgh International Conference Centre, Edinburgh, Scotland, UK.

Professional Affiliations

- Kurdistan Agronomist Syndicate, 2005 to present.
- Member of British Society of Animal Science (BSAS) from 5th of April 2016 to present.
- Member of American Dairy Science Association (ADSA) from March 2018 to 2019.
- Member of UK Society for Reproduction and Fertility from March 2019 to present.
- Head of Higher Education and Scientific Affair Unit at college of Agricultural Engineering sciences, university of Duhok from January 2020 to present

Languages

- English (fluent), Arabic (fluent), and Kurdish (native)