

Chad J. R. Jenkins, MS, PhD Candidate

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Employment History

- 2018 – **Dairy Nutritionist**, Standard Dairy Consultants, Omaha, NE.
- 2014 – 2018 **Dairy Focus Support**, Cargill Animal Nutrition, Stevens Point, WI.
- 2012 – 2014 **Graduate Assistant in Dairy Nutrition**, University of Nebraska, Lincoln, NE.
- 2009 – 2012 **Assistant Manager**, Famous Footwear, Lincoln, NE.

Education

- 2019 – **Ph.D. Candidate, University of Nebraska** Animal Science, Ruminant Nutrition.
Thesis title: *Rumen-protected Choline Supplementation in Dairy Cows*.
- 2012 – 2014 **M.Sc. Animal Science, University of Nebraska** Animal Science, Ruminant Nutrition.
Thesis title: *The Effects of HMTBA (2-Hydroxy-4-Methylthio-Butanoic Acid) Supplementation on Ruminal Microbial Crude Protein Synthesis and Community Structure in Dairy Cattle*.
- 2008 – 2012 **B.S. Animal Science, University of Nebraska** Animal Science.

Research Publications

Journal Articles

- 1 **Jenkins, C.**, Fernando, S., Anderson, C., Aluthge, N., Castillo-Lopez, E., G.I, Z., & Kononoff, P. (2020). The effects of 2-hydroxy-4-methylthio-butanoic acid supplementation on the rumen microbial population and duodenal flow of microbial nitrogen. *Journal of Dairy Science*, 103. [doi:10.3168/jds.2019-17664](https://doi.org/10.3168/jds.2019-17664)
- 2 Castillo-Lopez, E., **Jenkins, C.**, Aluthge, N., Tom, W., Kononoff, P., & Fernando, S. (2017). The effect of regular or reduced-fat distillers grains with solubles on rumen methanogenesis and the rumen bacterial community. *Journal of Applied Microbiology*, 123. [doi:10.1111/jam.13583](https://doi.org/10.1111/jam.13583)
- 3 Ramirez-Ramirez, H., Castillo-Lopez, E., **Jenkins, C.**, Aluthge, N., Anderson, C., Fernando, S., ... Kononoff, P. (2016). Reduced-fat dried distillers grains with solubles reduces the risk for milk fat depression and supports milk production and ruminal fermentation in dairy cows. *Journal of Dairy Science*, 99. [doi:10.3168/jds.2015-9712](https://doi.org/10.3168/jds.2015-9712)

Conference Proceedings

- 1 Ramirez-Ramirez, H., **Jenkins, C.**, Fernando, S., Anderson, C., Aluthge, N., & Kononoff, P. (2014). Ruminal bacterial community structure of dairy cows fed conventional and reduced-fat dried distillers grains with solubles.

Popular Press

- 1 Brady, M., Peters, J., & **Jenkins, C.** (2020). *Make better nutritional and management decisions by understanding milk fatty acids*. Retrieved from <https://www.progressivedairy.com/topics/management/make-better-nutritional-and-management-decisions-by-understanding-milk-fatty-acids>

- 2 Aalbers, W., & **Jenkins, C.** (2020). *Feed inventory management: It's not a game, but it can feel like one.*
- 3 **Jenkins, C.,** & Biedenbach, B. (2019). *Feed efficiency: Are you telling the whole story?*

Skills

Dairy Nutrition	Field and technical consulting, ration balancing, employee training, data analysis.
Administrative	ERP software implementation, pricing models, evaluation of new technologies and products.
Research	Experimental design, laboratory analysis of feedstuffs, statistical analysis, publication.
Misc.	Video and photography editing, Microsoft Office Suite, R, \LaTeX typesetting.

Miscellaneous Experience

Awards and Achievements

2012 – 2014	Member of Sigma Alpha Lambda National Honors Organization , University of Nebraska
2014	Dean's List , University of Nebraska
2008	Canfield Academic Scholarship , Awarded by the University of Nebraska.

Activities

2018 –	Children's Ministries Leader . Brookside Church, Omaha, NE.
2017 – 2018	Communications Team Volunteer . Woodlands Church, Stevens Point, WI.
2008 – 2014	Volunteer Tutor , Obasi Ministires, Lincoln, NE
2012 – 2014	College Ministries Director , First Free Church, Lincoln, NE
2006 – 2008	Global Missions Volunteer , Zambia, Honduras

References

Available on Request