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| **BIOGRAPHICAL SKETCH** | | | | |
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| NAME  **Klibs N. Galvão** | | POSITION TITLE  Assistant Professor | | |
| EDUCATION/TRAINING (*Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)* | | | | |
| INSTITUTION AND LOCATION | DEGREE  *(if applicable)* | | YEAR(s) | FIELD OF STUDY |
| Fed. University of Goiás, Brazil | DVM | | 2002 | Veterinary Medicine |
| University of California, Davis | MPVM | | 2005 | Epidemiology |
| University of California, Davis | Residency | | 2006 | Dairy Prod. Med. |
| Cornell University, Ithaca | PhD | | 2009 | Reprod. Physiology |

1. **Positions and Honors**

**Positions and Employment**

2002-2003. Post-graduate researcher, School of Veterinary Medicine, UC-Davis, Tulare-CA.

2003-2006. Resident, Dairy Production Medicine, School of Veterinary Medicine, UC-Davis, Tulare-CA.

2006-2009. PhD student, School of Veterinary Medicine, Cornell University, Ithaca-NY.

2009-2010. Assistant Professor, Large Animal Field Services section, Department of Veterinary Preventive Medicine, College of Veterinary Medicine, The Ohio State University.

2010- Present. Assistant Professor, Food Animal Reproduction and Medicine Section, Department of Large Animal Clinical Science, College of Veterinary Medicine, University of Florida.

**Other Experience and Professional Memberships**

2002 – Present. Member, American Dairy Science Association.

**Awards, Honors:**

2004: George Stabenfeldt Travel Award, UC-Davis

2004: MPVM Research Project Award, UC-Davis

1. **Peer-reviewed publications**
2. Galvão, K.N., M.J.B. Felippe, S.B. Brittin, R. Sper, M. Fraga, J.S. Galvão, L. Caixeta, C.L. Guard, A. Ricci, and R.O. Gilbert. 2011. Evaluation of cytokine expression by blood monocytes of lactating Holstein cows with or without postpartum uterine disease. Theriogenology. [Epub ahead of print] PMID: 21924475.
3. Schuenemann, G.M., I. Nieto, S. Bas, K.N. Galvao, and J. Workman. 2011. Assessment of Calving Progress and Reference Times for Obstetric Intervention during Dystocia in Holstein Dairy Cows. J. Dairy Sci. 94. (In Press).
4. Galvão, K.N., N.R. Santos, J.S. Galvão, and R.O. Gilbert. 2011. Association between endometritis and endometrial cytokine expression in postpartum Holstein cows. Theriogenology. 76(2):290-299.
5. Galvão, K. N., G.M. Pighetti, S.H. Cheong, D.V. Nydam, and R.O. Gilbert. 2011. Association between CXCR1 polymorphism and disease incidence, reproductive performance, and milk production in Holstein cows. J. Dairy Sci. 94:2083-2091.
6. Cheong, S.H., D.V. Nydam, K.N. Galvão, B. M. Crosier, and R. O. Gilbert. 2010. Cow and Herd Level Risk Factors for Subclinical Endometritis in Lactating Holstein Cows. J. Dairy Sci. 94:762-770.
7. Galvão, K.N., S.B. Brittin, L.S. Caixeta, R. Sper, M. Fraga, A. Ricci, W.R. Butler, and R.O. Gilbert. 2010. Association between uterine disease and indicators of neutrophil and systemic energy status in lactating Holstein cows. J. Dairy Sci. 93: 2926-2937.
8. McArt J.A., L.S. Caixeta, V.S. Machado, C.L. Guard, K.N. Galvao, O.G. Sá Filho, and R. C. Bicalho. 2010. Ovsynch vs. Ultrasynch: Reproductive efficacy of a dairy cattle synchronization protocol incorporating corpus luteum function. J. Dairy Sci. 93:2525-2532.
9. Galvão K.N., and J.E.P Santos. 2010. Factors Affecting Synchronization and Conception Rate after the Ovsynch Protocol in Lactating Holstein Cows. Reprod. Domest. Anim. 45:439-446.
10. Juchem, S.O., R.L.A. Cerri, M. Villaseňor, K.N. Galvão, R.G.S. Bruno, H.M. Rutigliano, E.J. DePeters, F.T. Silvestre, W.W. Thatcher, and and J.E.P. Santos. 2010. Supplementation with calcium salts of linoleic and trans-octadecenoic acids improves fertility of lactating dairy cows. Reprod. Domest. Anim. 45:55-62.
11. Galvão, K.N., W.R. Butler, S.B. Brittin, M. Frajblat, C.L. Guard, and R. O. Gilbert. 2009. Effect of early ovulation on uterine health and fertility of dairy cows. Reprod. Dom. Anim. (DOI: 10.1111/j.1439-0531.2009.01517).
12. Galvão K.N., and J.A. Angelos. 2010. Ulcerative blepharitis and conjunctivitis in adult dairy cows and association with Moraxella bovoculli. Can. Vet. J. 51:400–402.
13. Galvão, K.N., W.R. Butler, S.B. Brittin, M. Frajblat, C.L. Guard, and R. O. Gilbert. 2009. Effect of prostaglandin F2α on Subclinical Endometritis and Fertility in Dairy Cows. J. Dairy Sci. 92:4906-4913.
14. Cerri, R.L.A., S.O. Juchem, R.C. Chebel, H.M. Rutigliano, R.G.S. Bruno, K.N. Galvão, W.W. Thatcher, and J.E.P. Santos. 2009. Effect of fat source differing in fatty acid profile on metabolic parameters, fertilization and embryo quality in high-producing dairy cows. J. Dairy Sci. 92:1520-1531.
15. Galvão K.N.1, L.F. Greco, J.M. Vilela, M.F. Sá Filho, and J.E.P. Santos. 2009. Effect of intrauterine infusion of ceftiofur on uterine health and fertility in dairy cows. J. Dairy Sci. 92:1532-1542.
16. Villaseňor, M., A.C. Coscioni, K.N. Galvão, R.C. Chebel, and J.E.P. Santos. 2008. Gossypol disrupts embryo development in heifers. J. Dairy Sci. 91:3015-3024.
17. Bicalho R.C., K.N. Galvão, Guard C.L., Santos J.E.P. 2008. Optimizing the accuracy of detecting a functional corpus luteum in dairy cows. Theriogenology. 70:199-207.
18. Bicalho R.C., Galvão K.N., Warnick L.D., Guard C.L. 2008. Stillbirth parturition reduces milk production in Holstein cows. Prev. Vet. Med. 84:112-120.
19. Galvão, K.N., M.F. Sa Filho, J.E.P. Santos. 2007. Reducing the interval from presynchronization to initiation of timed AI improves fertility in dairy cows. J. Dairy Sci. 90:4112-4218.
20. Galvão, K.N., J.E.P. Santos, R.L.A. Cerri, R.C. Chebel, H.M. Rutigliano, R.G. Bruno, and R.C. Bicalho. 2007. Evaluation of methods of resynchronization for insemination in cows of unknown pregnancy status. J. Dairy Sci. 90:4240-4252.
21. Bicalho, R.C., S.H. Cheong, K.N. Galvão, L.D. Warnick, and C.L. Guard. 2007. Effect of twin birth calvings on milk production, reproductive performance, and survival of lactating cows. JAVMA. 231:1390-1397.
22. Bicalho, R.C, K.N. Galvão, S.H. Cheong, R.O. Gilbert, L.D. Warnick, and C.L. Guard. 2007. Effect of Stillbirths on Dam Survival and Reproduction Performance in Holstein Dairy Cows. J. Dairy Sci. 90: 2797-2803.
23. Juchem, S.O., J.E.P. Santos, R.L. Cerri, R.C. Chebel, K.N. Galvão, R. Bruno, E.J. DePeters, T. Scott, W.W. Thatcher, D. Luchini. 2007. Effect of calcium salts of fish and palm oils on lactational performance of Holstein cows. Anim. Feed Sci. Technol. 140:18-38.
24. Galvão, K.N., J.E.P. Santos, A.C. Coscioni, S.O. Juchem, R.C. Chebel, W.M. Sischo, and M. Villaseňor. 2006. Embryo survival from gossypol-fed heifers after transfer to lactating cows treated with human chorionic gonadotropin. J. Dairy Sci. 89: 2056-2064.
25. Galvão, K.N., J.E.P. Santos, A.C. Coscioni, M. Villaseňor, W.M. Sischo, and A.C.B. Berge. 2005. Effect of feeding live yeast products to calves with failure of passive transfer on performance and patterns of antibiotic resistance in fecal Escherichia coli. Reprod. Nutr. Dev. 45;427-440.
26. Galvão, K.N., J.E.P. Santos, S.O. Juchem, R.L.A. Cerri, A.C. Coscioni, and M. Villaseňor. 2004. Effect of addition of a progesterone intravaginal Insert to a timed insemination protocol using estradiol cypionate on ovulation rate, pregnancy rate and pregnancy loss in Lactating Dairy Cows. J. Anim. Sci. 82:3508-3517.
27. Cerri, R.L.A., J.E.P. Santos, S.O. Juchem, K.N. Galvão, and R.C. Chebel. 2004. Timed artificial insemination with estradiol cypionate or Insemination at estrus in high-producing dairy cows. J. Dairy Sci. 87:3704-3715.
28. Santos, J.E.P., S.O. Juchem, R.L.A. Cerri, K.N. Galvão, R.C. Chebel, W.W. Thatcher, C.S. Dei, and C.R. Bilby. 2004. Effect of bST and Reproductive Management on Reproductive Performance of Holstein Dairy Cows. J. Dairy Sci. 87:868-881
29. Santos, J.E.P., W.W. Thatcher, R.C. Chebel, R.L.A. Cerri and K.N. Galvão. 2004. The effect of embryonic death rates in cattle on the efficacy of estrus synchronization programs. Anim. Reprod. Sci. 82-83:513-535.
30. Chebel, R.C., J.E.P. Santos, S.O. Juchem, R.L.A. Cerri, K.N. Galvão, and W.W. Thatcher. 2003. Effect of resynchronization with GnRH on day 21 after artificial insemination on conception rate and pregnancy loss in lactating dairy cows. Theriogenology. 60:1389-1399.

**C. Research Support**

**Ongoing Research Support**

Effect of GnRH administration around 20 days in milk on uterine health and fertility in lactating dairy cows. Milk Check-Off Dairy Research and Education Projects, $16,950.00, 2011 – 2012.

Role: PI

Effect of intrauterine Arcanobacterium pyogenes inoculation on hormonal and immunological factors associated with luteolysis and prolonged luteal phase. Consolidated Faculty Research Grant, $6,000.00, 2011 – 2012.

Role: PI

Integrated Sustainable Dairy Program. North Central Sustainable Agriculture Research & Education (SARE), $59,266.00, 2011 – 2012.

Role: Co-PI

Crystalline Ceftiofur for Treatment of Retained Fetal Membranes in Dairy Cows. Milk Check-Off Dairy Research and Education Projects. $12,400.00, 2011 – 2012.

Role: Co-PI

Effect of increasing the voluntary waiting period on profitability of lactating dairy cows. Milk Check-Off Dairy Research and Education Projects. $9,000.00, 2011 – 2012.

Role: Co-PI

Therapeutic Strategies for Anovular Dairy Cows. Milk Check-Off Dairy Research and Education Projects. $21,350.00, 2011 – 2012.

Role: Co-PI