



PAKKANUT BANSIDDHI

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ACADEMIC POSITION:

Instructor

E-MAIL:

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CONTACT :

Division of Elephant and Wildlife Clinic
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RESEARCH INTERESTS:

- ELEPHANT AND WILDLIFE MEDICINE
- ELEPHANT MANAGEMENT AND WELFARE

EDUCATION

Chiang Mai University, Chiang Mai, Thailand

PH.D. (VETERINARY SCIENCE)

Chiang Mai University, Chiang Mai, Thailand

M.S. (HEALTH SCIENCE)

Chiang Mai University, Chiang Mai, Thailand

D.V.M.

MOST RECENT PUBLICATIONS :

1. Toin, P.; Brown, J.L.; Punyapornwithaya, V.; **Bansiddhi, P.**; Somgird, C.; Thitaram, C. Reproductive performance of captive Asian elephants (*Elephas maximus*) in large tourist camps in Thailand. *Animal Reproduction Science* 2020, 222, 106606.
2. Brown, J.L.; **Bansiddhi, P.**; Khonmee, J.; Thitaram, C. Commonalities in management and husbandry factors important for health and welfare of captive elephants in North America and Thailand. *Animals* 2020, 10, 737.
3. **Bansiddhi, P.**; Brown, J.L.; Thitaram, C. Welfare assessment and activities of captive elephants in Thailand. *Animals* 2020, 10, 919.
4. Norkaew, T.; Brown, J.L.; Thitaram, C.; **Bansiddhi, P.**; Somgird, C.; Punyapornwithaya, V.; Punturee, K.; Vongchan, P.; Somboon, N.; Khonmee, J. Associations among tourist camp management, high and low tourist seasons, and welfare factors in female Asian elephants in Thailand. *PLoS One* 2019, 14, e0218579.
5. Norkaew, T.; Brown, J.L.; **Bansiddhi, P.**; Somgird, C.; Thitaram, C.; Punyapornwithaya, V.; Punturee, K.; Vongchan, P.; Somboon, N.; Khonmee, J. Influence of season, tourist activities and camp management on body condition, testicular and adrenal steroids, lipid profiles, and metabolic status in captive Asian elephant bulls in Thailand. *PLoS One* 2019, 14, e0210537.
6. Edwards, K.L.; **Bansiddhi, P.**; Paris, S.; Galloway, M.; Brown, J.L. The development of an immunoassay to measure immunoglobulin A in Asian elephant feces, saliva, urine and serum as a potential biomarker of well-being. *Conserv Physiol* 2019, 7, coy077.
7. **Bansiddhi, P.**; Nganvongpanit, K.; Brown, J.L.; Punyapornwithaya, V.; Pongsopawijit, P.; Thitaram, C. Management factors affecting physical health and welfare of tourist camp elephants in Thailand. *PeerJ* 2019, 7, e6756.
8. **Bansiddhi, P.**; Brown, J.L.; Thitaram, C.; Punyapornwithaya, V.; Nganvongpanit, K. Elephant tourism in Thailand: A review of animal welfare practices and needs. *Journal of Applied Animal Welfare Science* 2019, 23, 164-177.
9. **Bansiddhi, P.**; Brown, J.L.; Khonmee, J.; Norkaew, T.; Nganvongpanit, K.; Punyapornwithaya, V.; Angkawanish, T.; Somgird, C.; Thitaram, C. Management factors affecting adrenal glucocorticoid activity of tourist camp elephants in Thailand and implications for elephant welfare. *PLoS One* 2019, 14, e0221537.
10. Norkaew, T.; Brown, J.L.; **Bansiddhi, P.**; Somgird, C.; Thitaram, C.; Punyapornwithaya, V.; Punturee, K.; Vongchan, P.; Somboon, N.; Khonmee, J. Body condition and adrenal glucocorticoid activity affects metabolic marker and lipid profiles in captive female elephants in Thailand. *PLoS One* 2018, 13, e0204965.
11. K riangwanich, W.; Nganvongpanit, K.; Buddhachat, K.; Brown, J.L.; Siengdee, P.; Chomdej, S.; **Bansiddhi, P.**; Thitaram, C. Genetic diversity and variation in captive Asian elephants (*Elephas maximus*) in Thailand. *Tropical Conservation Science* 2018, 11, 1-10.
12. **Bansiddhi, P.**; Brown, J.L.; Thitaram, C.; Punyapornwithaya, V.; Somgird, C.; Edwards, K.L.; Nganvongpanit, K. Changing trends in elephant camp management in northern Thailand and implications for welfare. *PeerJ* 2018, 6, e5996.