

# Dynamic Independence Trails

## Educational Resources:

Puppy Start Right for Instructors Courses – Karen Pryor Academy

<https://karenpryoracademy.com/courses/puppy-start-right/>

Science Matters Dr. Kristina Spaulding, PhD, CAAB

Research Bites: <https://sciencemattersllc.com/research-bites>

Professional Development Courses: <https://sciencemattersllc.com/professional-courses>

## Research Articles:

Ekman, P. (1992). Are there basic emotions? *Psychological Review*, 99(3), 550–553. <https://doi.org/10.1037/0033-295X.99.3.550>

Panksepp, J. (1998). *Affective Neuroscience: The Foundation of Human and Animal Emotions*

Lisa Feldman Barrett, (2016) The theory of constructed emotion: an active inference account of interoception and categorization, *Social Cognitive and Affective Neuroscience*

Tracy, J. L., & Randles, D. (2011). Four Models of Basic Emotions: A Review of Ekman and Cordaro, Izard, Levenson, and Panksepp and Watt. *Emotion Review*, 3(4), 397-405. <https://doi.org/10.1177/1754073911410747>

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Updating Animal Welfare Thinking: Moving beyond the “Five Freedoms” towards “A Life Worth Living” David J. Mellor Animal Welfare Science and Bioethics Centre, Institute of Veterinary, Animal and Biomedical Sciences, Massey University PN 452, Palmerston North 4442, New Zealand.

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Stolzlechner L, Bonorand A, Riemer S. Optimising Puppy Socialisation-Short- and Long-Term Effects of a Training Programme during the Early Socialisation Period. *Animals (Basel)*. 2022 Nov 8;12(22):3067. doi: 10.3390/ani12223067. PMID: 36428295; PMCID: PMC9687081.

Caspi, A. et al. (2003). Influence of Life Stress on Depression: Moderation by a Polymorphism in the 5-HTT Gene. *Science*, 301(5631), 386-389, DOI: 10.1126/science.1083968

Dias, B., Ressler, K. Parental olfactory experience influences behavior and neural structure in subsequent generations. *Nat Neurosci* **17**, 89–96 (2014). <https://doi.org/10.1038/nn.3594>

Jonathan Birch, Alexandra K. Schnell, Nicola S. Clayton, Dimensions of Animal Consciousness, *Trends in Cognitive Sciences*, Volume 24, Issue 10, 2020, ISSN 1364-6613 <https://doi.org/10.1016/j.tics.2020.07.007>.

Parr-Cortes, Z., Müller, C.T., Talas, L. et al. The odour of an unfamiliar stressed or relaxed person affects dogs' responses to a cognitive bias test. *Sci Rep* 14, 15843 (2024). <https://doi.org/10.1038/s41598-024-66147-1>