How The Human-Animal Bond Increases Resilience And Empowers Us To Thrive



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By Steven Feldman, President of the Human-Animal Bond Research Institute (HABRI)

Pets have been a bright spot in people's lives throughout the pandemic, providing unconditional love and support. Approximately 11 million U.S. households brought home a new pet during the pandemic[1], and pet owners overwhelmingly reported that they could not have made it through the toughest parts of lockdowns and quarantines without them.

Now more than ever, people need resources and support to improve and maintain good mental health. The good news is that the human-animal bond – our mutually beneficial relationship with our pets – can support better mental health for people of all ages, in good times and in bad.

With <u>Mental Health America's Tools 2 Thrive</u> topics in mind, the <u>Human Animal Bond</u> <u>Research Institute (HABRI)</u> compiled scientific research and information on the many ways that pets can help improve mental health, foster resilience, and empower us to thrive.

Adapting after trauma and stress

Research shows that the emotional [2] and social support [3] pets provide helps buffer stress, promote resilience, and recover from adverse circumstances.

Studies have demonstrated that pet owners recover faster from stressful events than non-pet-owners[4] and also that the simple act of petting an animal reduces anxiety[5]. Science has shown that pets activate oxytocin in our bodies' systems and reduce cortisol levels in our brains, documenting the physiological mechanism behind stress reduction and improved well-being[6] [7].

For those recovering from trauma, regular interaction with animals in a structured intervention has been found to reduce participants' self-reported fear and anxiety, depression, and sleep disturbance [8] [9].

Dealing with anger and frustration

One great tip for coping with anger and frustration is changing one's surroundings or finding a welcome distraction. Pets are good for both - try playing with your cat or dog!

One study found that pets helped people cope with depression and other mental health issues[10] by serving as a distraction from typical symptoms and encouraging meaningful activity[11].Walking, exercising, or playing with pets is associated with greater happiness and less stress relative to other activities[12]. Science shows that pets can instill feelings of happiness in people and improve mood. Pet owners also laugh more often than non-pet-owners[13].

Research suggests that pet owners often derive the same amount of overall social support from their pets as from their parents or siblings. This support is another contributing factor to the greater levels of well-being and happiness that pet owners tend to experience [14] [15].

Taking time for yourself

Moving your body is a great way to take some time for yourself. Research shows that spending time in nature can be restorative, allowing the brain to rest and process information[16]. A pet can be a great reason to get outside and walk, and research shows that dog owners walk more often than non-owners[17].

Processing big changes

It goes without saying that the pandemic brought unexpected changes to people's lives. In providing consistency, companionship, and purpose, pets have helped us process the pandemic and feelings of uncertainty[18].

Keeping up with self-care is so important for processing change. When so much can feel overwhelming, it's easy to stay in bed or on the couch. Keeping up with normal, healthy habits is important. Pets can encourage us to adhere to our routines and add structure to our lives [19].

Self-acceptance

Taking care of our pets can even positively change the way we think about ourselves.

People recovering from serious mental health conditions have commonly reported feeling a sense of control when they successfully care for a pet, which can increase feelings of self-efficacy[20].

Pets also offer unconditional love for their owners, which can be deeply validating for people facing social stigma for mental health conditions[21] [22]. Pets are non-judgmental, non-evaluative, and accepting[23], which can be particularly beneficial for buffering stress and social anxiety in children[24].

Mindfulness

The simple routines associated with pet care can help people stay mindful and in the present. A study of pet owners living with a long-term mental health condition found that pets may disrupt inward attention from harmful symptoms or upsetting thoughts such as suicidal ideation. Pet care, such as regular feeding, walking, and play, can provide people with an opportunity to focus their attention and ground themselves in their day-to-day lives[25].

Resources on the Human-Animal Bond

The Human Animal Bond Research Institute (HABRI) is proud to partner with Mental Health America to raise awareness of the mental health benefits of the human-animal bond. For more information about the science of the human-animal bond, please visit <u>www.habri.org</u>.

[1] "Pets Remain In High Demand During COVID." Today's Veterinary Business, Oct. 2020, todaysveterinarybusiness.com/petsappa-survey-covid/.

[2] Brooks, Helen Louise, et al. "The power of support from companion animals for people living with mental health problems: a systematic review and narrative synthesis of the evidence." BMC psychiatry 18.1 (2018): 1-12.

[3] Meehan, Michael, Bronwyn Massavelli, and Nancy Pachana. "Using attachment theory and social support theory to examine and measure pets as sources of social support and attachment figures." anthrozoös 30.2 (2017): 273-289.

[4] Allen, Karen, Jim Blascovich, and Wendy B. Mendes. "Cardiovascular reactivity and the presence of pets, friends, and spouses: The truth about cats and dogs." Psychosomatic medicine 64.5 (2002): 727-739.

[5] Shiloh, Shoshana, Gal Sorek, and Joseph Terkel. "Reduction of state-anxiety by petting animals in a controlled laboratory experiment." Anxiety, stress, and coping 16.4 (2003): 387-395.

[6] Beetz, A., Uvnäs-Moberg, K., Julius, H., & Kotrschal, K. (2012). Psychosocial and psychophysiological effects of human-animal interactions: the possible role of oxytocin. Frontiers in psychology, 3, 234.

[7] Odendaal, J. S., & Meintjes, R. A. (2003). Neurophysiological correlates of affiliative behaviour between humans and dogs. The Veterinary Journal, 165(3), 296-301.

[8] O'haire, Marguerite Elizabeth, Noémie Adeline Guérin, and Alison Claire Kirkham. "Animal-assisted intervention for trauma: A systematic literature review." Frontiers in psychology 6 (2015): 1121.

[9] O'Haire, Marguerite E., et al. "The impact of human-animal interaction in trauma recovery." New directions in the human-animal bond (2019): 15.

[10] Brooks, H., Rushton, K., Walker, S., Lovell, K., & Rogers, A. (2016). Ontological security and connectivity provided by pets: a study in the self-management of the everyday lives of people diagnosed with a long-term mental health condition. BMC psychiatry, 16(1), 409.

[11] <u>Hayden-Evans, Maya, Ben Milbourn, and Julie Netto.</u> "Pets provide meaning and purpose': a qualitative study of pet ownership from the perspectives of people diagnosed with borderline personality disorder." Advances in Mental Health 16.2 (2018): 152-162.

[12] Kalenkoski, Charlene M., and Thomas Korankye. "Enriching Lives: How Spending Time with Pets is Related to the Experiential Well-Being of Older Americans." Applied Research in Quality of Life (2021): 1-22.

[13] Valeri, R. M. (2006). Tails of laughter: A pilot study examining the relationship between companion animal guardianship (pet ownership) and laughter. Society & Animals, 14(3), 275-293.

[14] McConnell, A. R., Brown, C. M., Shoda, T. M., Stayton, L. E., & Martin, C. E. (2011). Friends with benefits: on the positive consequences of pet ownership. Journal of personality and social psychology, 101(6), 1239.

[15] Kurdek, L. A. (2009). Pet dogs as attachment figures for adult owners. Journal of Family Psychology, 23(4), 439– 446. https://doi.org/10.1037/a0014979

[16] Kaplan, S. (1995). The restorative benefits of nature: Toward an integrative framework. Journal of environmental psychology, 15(3), 169-182.

[17] Reeves, M. J., Rafferty, A. P., Miller, C. E., & Lyon-Callo, S. K. (2011). The impact of dog walking on leisure-time physical activity: results from a population-based survey of Michigan adults. Journal of Physical Activity and health, 8(3), 436-444.

[18] Nieforth, Leanne O., and Marguerite E. O'Haire. "The role of pets in managing uncertainty from COVID-19." Psychological Trauma: Theory, Research, Practice, and Policy (2020).

[19] Brooks H, et al. Ontological security and connectivity provided by pets: a study in the self-management of the everyday lives of people diagnosed with a long-term mental health condition. BMC Psychiatry. 2016;16(1):409.

[20] Wisdom, Jennifer P., Goal Auzeen Saedi, and Carla A. Green. "Another breed of "service" animals: STARS study findings about pet ownership and recovery from serious mental illness." American Journal of Orthopsychiatry 79.3 (2009): 430-436.

[21] Zimolag, Ulrike, and Terry Krupa. "The occupation of pet ownership as an enabler of community integration in serious mental illness: a single exploratory case study." Occupational Therapy in Mental Health 26.2 (2010): 176-196.

[22] Brooks, Helen, and Anne Rogers. "The Role of Pets in the Personal Communities of People Living With Long-Term Conditions." Clinician's Guide to Treating Companion Animal Issues. Academic Press, 2019. 159-172.

[23] Purewal, R., Christley, R., Kordas, K., Joinson, C., Meints, K., Gee, N., & Westgarth, C. (2017). Companion animals and child/adolescent development: a systematic review of the evidence. International journal of environmental research and public health, 14(3), 234.

[24] Kertes DA, Liu J, Hall NJ, Hadad NA, Wynne CDL, Bhatt SS. Effect of Pet Dogs on Children's Perceived Stress and Cortisol Stress Response. Soc Dev. 2017;26(2):382–401. doi:10.1111/sode.12203

[25] Brooks, H., Rushton, K., Walker, S., Lovell, K., & Rogers, A. (2016). Ontological security and connectivity provided by pets: a study in the self-management of the everyday lives of people diagnosed with a long-term mental health condition. BMC psychiatry, 16(1), 409.

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