

Anastasia Ejova
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Biography

My research interests are in three converging topic areas: functional somatic syndromes, gambling disorder, and the cognitive science of religion. With respect to somatic syndromes, I am investigating how neurophysiological recording tools (most notably, EEG and electrogastrography) might be used in studying immediate reactions to physical and psychological stress among people with conditions such as irritable bowel syndrome. Within the gambling field, I have been involved in projects on decision-making, impulsivity, online gambling, and the boundary between gambling and video-gaming. I also seek to apply what I'm learning through my research on decision-making and religion to developing a body of research on the extent to which concepts of luck are the same across cultures, borrowing from concepts of "randomness" on the one hand and "higher powers" on the other. My experience in studying functional somatic syndromes, which are often comorbid with anxiety, provides me with the tools for investigating which forms of gambling are particularly likely to be pursued for their ability to (temporarily) ease anxiety.

Employment

Honorary Research Fellow

Honorary Fellow
School of Psychological Sciences
Macquarie University
1 Jan 2022 → present

Research output

Volumetric rectal perception testing: is it clinically relevant? Results from a large patient cohort

Mazor, Y., Trieu, R. Q., Prott, G., Jones, M., Ejova, A., Kellow, J. & Malcolm, A., 1 Dec 2021, In: American Journal of Gastroenterology. 116, 12, p. 2419-2429 11 p.

Electroencephalographic evidence of unconscious and conscious attentional bias in people with functional gastrointestinal disorders: a pilot study

Ejova, A., Badcock, N. A., McKerchar, S., Beath, A. P., Swift, C., Talley, N. J., Holtmann, G., Walker, M. M. & Jones, M. P., Dec 2021, In: International Journal of Psychophysiology. 170, p. 30-42 13 p.

Factors associated with response to anorectal biofeedback therapy in patients with fecal incontinence

Mazor, Y., Prott, G., Jones, M., Ejova, A., Kellow, J. & Malcom, A., Mar 2021, In: Clinical Gastroenterology and Hepatology. 19, 3, p. 492-502.e5 16 p.

Dimensions of impulsivity in healthy people, patients with borderline personality disorder, and patients with attention-deficit/hyperactivity disorder

Linhartová, P., Širůček, J., Ejova, A., Barteček, R., Theiner, P. & Kašpárek, T., 1 Feb 2021, In: Journal of Attention Disorders. 25, 4, p. 584-595 12 p.

Impulsivity in patients with borderline personality disorder: a comprehensive profile compared with healthy people and patients with ADHD

Linhartová, P., Látalová, A., Barteček, R., Širůček, J., Theiner, P., Ejova, A., Hlavatá, P., Kóša, B., JeÁábková, B., Bareš, M. & Kašpárek, T., Aug 2020, In: Psychological Medicine. 50, 11, p. 1829-1838 10 p.

A novel combined anorectal biofeedback and percutaneous tibial nerve stimulation protocol for treating fecal incontinence

Mazor, Y., Prott, G. M., Sequeira, C., Jones, M., Ejova, A., Kellow, J. E., Schnitzler, M. & Malcolm, A., Jun 2020, In: Therapeutic Advances in Gastroenterology. 13, p. 1-10 10 p.

Social media use is (weakly) related to psychological distress

Stronge, S., Mok, T., Ejova, A., Lee, C., Zubielevitch, E., Yogeewaran, K., Hawi, D., Osborne, D., Bulbulia, J. & Sibley, C. G., 1 Sep 2019, In: *Cyberpsychology, Behavior and Social Networking*. 22, 9, p. 604-609 6 p.

Anorectal physiology in health: a randomized trial to determine the optimum catheter for the balloon expulsion test

Mazor, Y., Prott, G., Jones, M., Kellow, J., Ejova, A. & Malcolm, A., 1 Apr 2019, In: *Neurogastroenterology and Motility*. 31, 4, p. 1-7 7 p., e13552.

Long-term outcome of anorectal biofeedback for treatment of fecal incontinence

Mazor, Y., Ejova, A., Andrews, A., Jones, M., Kellow, J. & Malcolm, A., Aug 2018, In: *Neurogastroenterology and Motility*. 30, 8, p. 1-8 8 p., e13389.

Weight stigmatization and disordered eating in obese women: the mediating effects of self-esteem and fear of negative appearance evaluation

Almenara, C. A., Aimé, A., Mañano, C., Ejova, A., Guèvremont, G., Bournival, C. & Ricard, M. M., May 2017, In: *Revue Européenne de Psychologie Appliquée*. 67, 3, p. 155-162 8 p.

Support group programme for siblings of children with special needs: predictors of improved emotional and behavioural functioning

Roberts, R. M., Ejova, A., Giallo, R., Strohm, K. & Lillie, M. E., 8 Oct 2016, In: *Disability and Rehabilitation*. 38, 21, p. 2063-2072 10 p.

Awe: a direct pathway from extravagant displays to prosociality

Ejova, A., 2016, In: *Behavioral and Brain Sciences*. 39, p. 28-29 2 p., e12.

A controlled trial of the SibworkS group program for siblings of children with special needs

Roberts, R. M., Ejova, A., Giallo, R., Strohm, K., Lillie, M. & Fuss, B., 1 Aug 2015, In: *Research in Developmental Disabilities*. 43-44, p. 21-31 11 p.

Erroneous Gambling-Related Beliefs as Illusions of Primary and Secondary Control: A Confirmatory Factor Analysis

Ejova, A., Delfabbro, P. H. & Navarro, D. J., Mar 2015, In: *Journal of Gambling Studies*. 31, 1, p. 133-160 28 p.

The Risks of online gambling for younger males: insights from Czech national surveys

Ejova, A., Licehammerová, Š., Chomynová, P., Leštinová, Z. T. & Mravčík, V., 2015, *Living in the digital age: self-presentation, networking, playing and participating in politics*. Lorentz, P., Smahel, D., Metykova, M. & Wright, M. F. (eds.). Brno, Czech Republic: Muni Press, p. 128-147 20 p.

Investigating decision-making in Parkinson's disease in tasks characterized by probabilistic cue-outcome associations: the role of optimality

Ryterska, A., Harris, A. J. L., Ejova, A., Jahanshahi, M. & Osman, M., 2014, In: *Annals of neuroscience and psychology*. 1, p. 2-1-2-10 10 p.

Success-slope effects on the illusion of control and on remembered success-frequency

Ejova, A., Navarro, D. J. & Delfabbro, P. H., 2013, In: *Judgment and Decision Making*. 8, 4, p. 498-511 14 p.

Illusory Control, Gambling, and Video Gaming: An Investigation of Regular Gamblers and Video Game Players

King, D. L., Ejova, A. & Delfabbro, P. H., Sep 2012, In: *Journal of Gambling Studies*. 28, 3, p. 421-435 15 p.

Blame the skilled

Gerstenberg, T., Ejova, A. & Lagnado, D. A., 2011, *Proceedings of the 33rd Annual Meeting of the Cognitive Science Society (CogSci2011)*. Carlson, L., Hölscher, C. & Shipley, T. F. (eds.). Austin, Texas: Cognitive Science Society, p. 720-725 6 p.

The Illusion of control: structure, measurement and dependence on reinforcement frequency in the context of a laboratory gambling task

Ejova, A., Delfabbro, P. H. & Navarro, D. J., 2010, *ASCS09: proceedings of the 9th Conference of the Australasian Society for Cognitive Science*. Christensen, W., Schier, E. & Sutton, J. (eds.). North Ryde, NSW: Macquarie Centre for Cognitive Science, p. 84-92 9 p.

When to walk away: the effect of variability on keeping options viable

Ejova, A., Navarro, D. J. & Perfors, A. F., 2009, *Proceedings of the Thirty-First Annual Conference of the Cognitive Science Society (CogSci2009)*. Taatgen, N. & van Rijn, H. (eds.). Austin, TX: Cognitive Science Society, p. 1258-1263 6 p.