

Presentations submitted as Posters

- P1. A Partial Reinforcement Schedule in Eyeblink Conditioning Reveals Facilitated Acquisition and Delayed Extinction in Anxiety Vulnerable College Students.** Allen, T., Holloway, J. L., Myers, C. E., Servatius, R. J.
- P2. assessment of eyeblink responding in adolescents at risk for anxiety disorders: comparisons of acquisition in delay and long delay contingencies.** Caulfield, M. D., VanMeenen, K. M., Servatius, R. J.
- P3. Modification of heart rate during eyeblink conditioning in differing human temperaments.** Sprycha, M., Servatius, R. J.
- P4. Learned irrelevance is abolished in individuals with high behavioral inhibition, a vulnerability factor for anxiety disorders.** Miller, K. A., Miller, D., Allen, M. T., Servatius, R. J., Myers, C. E.
- P5. Behaviorally Inhibited Individuals Demonstrate Prolonged Bradycardia that Outlasts Presentation of Positive, Negative, and Neutral Images.** Holloway, J. L., Sprycha, M., Myers, C. E., Beck, K. D., Servatius, R. J.
- P6. Prediction error governs pharmacologically induced erasure of human fear memory.** Sevenster, D., Beckers, T., Kindt, M.
- P7. UCS predictability and controllability influence UCR expression during Pavlovian fear conditioning in humans.** Hyde, S. O., Wood, K. H., Bowen, K. H., Shumen, J. R., Knight, D. C.
- P8. The resurrection of the screaming lady: Fear reinstatement in (courageous) children and (wimpy) adults.** Newall, C. S., Kwok, B., Richardson, R., Hudson, J.
- P9. Using eye movement and pupil dilation measures to examine the role of awareness in fear conditioning.** Schultz, D. H., Balderston, N. L., Hannula, D. E., Helmstetter, F. J.
- P10. Comparability of MRI-compatible Infrared and Electromyogram Measures of Eyeblink Conditioning.** Innis, I. J., Kent, J. S., Bolbecker, A. R., Hetrick, W. P.
- P11. Sexual Conspecific Affective Response (SCAR): A Novel Animal Model for Sexual Abuse in Young Women.** Bowles, L. M., DiFeo, G. E., Shors, T. J.
- P12. Psychophysiological interactions of brain responses to aversive stimuli in patients diagnosed with Obsessive Compulsive Disorder: a functional MRI study.** Boratyn, D. A., Greenberg, J., Jenike, M., Wilhelm, S., Rauch, S., Milad, M. R.
- P13. Extinguishing Learned Fear by Imagination.** Reddan, M. C., Levy, D., Schiller, D.
- P14. Effects of Decreased Temporal Predictability during Human Pavlovian Fear Learning.** Grady, A. K., Balderston, N. L., Hopkins, L. S., Schultz, D. H., Helmstetter, F. J.

- P15. Harm avoidant personality enhances transition from escape to avoidance on a computer-based paradigm.** Sheynin, J.
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- P17. Alterations in dopamine and opioid receptor mRNA levels in WKY rats: a model for anxiety vulnerability.** Cominski, T. P., Jiao, X., Kuzhikandathil, E. V., Beck, K. D., Pang, K. CH., Servatius, R. J.
- P18. Molecular level functional MRI of dopamine release in the ventral striatum.** Lee, T., Cai, L., Jasanoff, A.
- P19. Dopamine is required for learning and forgetting in Drosophila.** Davis, R. L., Berry, J. A., Cervantes-Sandoval, I.
- P20. Differential effect of dopaminergic and noradrenergic drugs on active avoidance acquisition and extinction in an animal model of anxiety.** Jiao, X., Pang, K. CH., Beck, K. D., Stewart, A. L., Smith, I., Servatius, R. J.
- P21. The Role of Midbrain Dopamine in Predictive Fear Learning.** Li, S., McNally, G. P.
- P22. Effects of dopamine D1/5 receptor activation on fear: Appetitive-aversive interactions in extinction.** Abraham, A. D., Lattal, K. M.
- P23. The mathematical model of trace conditioning.** Kryukov, V. I.
- P25. The mathematical model of trace conditioning.** Hegumen Theophan (Kryukov), V. I.
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- P54. CaMKII regulates proteasome-dependent increases in GluR2 in the amygdala during fear memory reconsolidation.** Jarome, T. J., Kwapis, J. L., Ruenzel, W. L., Helmstetter, F. J.
- P55. Corticotropin-releasing factor in the basolateral amygdala impairs fear extinction.** Abiri, D., Shukla, A., Calakos, K. C., Bauer, E. P.
- P56. A retrieval-extinction procedure reduces recovery of fear in adolescent rats.** Baker, K. D., McNally, G. P., Richardson, R.
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- P58. Memory retrieval and the extinction of Pavlovian conditioning.** Chan, WY. M., McNally, G. P.
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- P63. Differential ontogeny of object and place novelty in developing rats.** Westbrook, S. R., Brennan, L. E., Schreiber, W. B., Jablonski, S. A., Stanton, M. E.
- P65. Development of Amygdala Modulation of Cerebellar Learning.** Ng, K. H., Freeman, J. H.
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- P81. Cerebellar Cortical Administration of the Cannabinoid Agonist WIN55,212-2 Impairs Acquisition of Delay Eyeblink Conditioning in Rats.** Steinmetz, A. B., Freeman, J. H.
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- P84. 5-HT_{2C} receptor antagonist SB 242084 improves interval timing performance.** Avlar, B., Kahn, J. B., Simpson, E., Balsam, P. D.
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- P86. Neural activity related to awake-state sharp wave-ripple -complexes is essential in hippocampal learning.** Nokia, M. S., Mikkonen, J. E., Penttonen, M., Wikgren, J.
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- P88. Optogenetic silencing of prelimbic mPFC during the trace interval impairs trace fear conditioning.** Gilmartin, M. R., Miyawaki, H., Diba, K., Helmstetter, F. J.
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