

Zhen Yang

Department of Psychology, University of New Mexico,
Albuquerque, NM 87131

zhyang@unm.edu

Cell: 505-730-9867

EDUCATION

1. Candidate for Ph.D. program of Behavioral Neuroscience, University of New Mexico, 2006-present. Master's thesis was approved by UNM in Jan. 2007.
2. M.S. in Cognitive Psychology program, Southwest University (China), 2003-2006
3. B.S. in Psychology, Hunan Normal University (China), 1999-2003

PUBLICATIONS (PUBLISHED)

1. A.C. Tang, B.C. Reeb-Sutherland, Z. Yang, K. Akers, A. Korzekwa, R.D., Romeo, & B.S. McEwen (in submission). Maternal physiology sets the stage for novelty-induced enhancement in offspring psychological development. *Science*.
2. K.G. Akers, Z. Yang, D.P. DelVecchio, B.C. Reeb, R. D. Romeo, B.S. McEwen, & A.C. Tang (2008). Social Competitiveness and Plasticity of Neuroendocrine Function in Old Age: Influence of Neonatal Novelty Exposure and Maternal Care Reliability. *PLoS One*, 3(7).
3. P. Sun, Z. Yang, A. Korzekwa, M. Sutherland, & A.C. Tang (Accepted). Determining Gender From Local Network Synchronization in the Frontal Cortex. *International Conference on Cognitive Neurodynamics (ICCN 2007)*. Shanghai, China: November 17-21.
4. A.C. Tang, M.T. Sutherland, P. Sun, Y. Zhang, M. Nakazawa, A. Korzekwa, Z. Yang, M. Ding (2007). Top-Down versus Bottom-up Processing in the Human Brain: Distinct Directional Influences Revealed by Integrating SOBI and Granger Causality. *Independent Components Analysis (ICA 2007)*, London, UK; September 9-12, 2007
5. Z. Yang, & X.T., Huang (2005). Advances of Temporal Cognition in Neuroscience. *Psychological Science* (national key academic journal), 28(6): 1506-1509. (Supported by National Nature Science Foundation of China, Grant 30270467)
6. Z. Yang (2005). Research on the Correlation between Life Events and Video Game Addiction in Junior Middle School Students. *Chinese Journal of Clinical Psychology* (Chinese key medical journal), 13(2): 192-193.
7. Z. Yang & H. Jiang. (2005). Problems in and Solutions to Sexual Education of Chinese College Students. *Chinese Journal of School Health* (national academic journal), 26(12): 1028-1029.
8. Y.H. Xie, Y.G. Chen, D. Su & Z. Yang (2005). A Preliminary Study of the Relation between the Depression and Personality of University Students in Chongqing. *Health Medicine Research and Practice in Higher Institutions*, 2(2): 26-29.

CONFERENCE POSTERS

1. Z. Yang, J. Youngblood, & A.C. Tang (2008) Is there a critical period for novelty exposure-induced enhancement in spatial memory? *International Society for Developmental Psychobiology*. Washington DC.

2. A.C. Tang, Z. Yang, R.D. Romeo, A. Plakio, A. Rosa, A. Gonzales, & B.S. McEwen (2008). Two sources of maternal modulations: mother's stress hormone versus mother's behavior. *International Society for Developmental Psychobiology*. Washington DC.
3. Z. Yang, R.D. Romeo, A.M. Korzekwa, B.C. Reeb, B.S. McEwen and A.C. Tang (2008). Predicting Adult Stress Response by Neonatal Events. *A brain research meeting: stress coping and diseases*. Washington DC.
4. Z. Yang, M.T. Sutherland, and A.C. Tang (2008). Who performs better under interference? Prediction from stress response profile. *A brain research meeting: stress coping and diseases*. Washington DC.
5. M.T. Sutherland, Z. Yang, and A.C. Tang (2008). When more stress hormone is good: reduced interference in a Stoop task is associated with higher salivary cortisol. *A brain research meeting: stress coping and diseases*. Washington DC.
6. Z. Yang, R.D. Romeo, B.S. McEwen and A.C. Tang (2008). Beyond maternal care: modulation of early stimulation effects by maternal physiology. *Society for Neuroscience*. Washington DC.
7. M.T. Sutherland, Z. Yang, and A.C. Tang (2008). When more stress hormone is good: reduced interference in a Stoop task is associated with higher salivary cortisol. *Society for Neuroscience*. Washington DC.
8. A.C. Tang, K.G. Akers, Z. Yang, D.P. Delvecchio, B.C. Reeb, R.D. Romeo, and B.S. McEwen (2008). Social competitiveness and plasticity of neuroendocrine function in old age: influences of neonatal novelty exposure and maternal care reliability. *Society for Neuroscience*. Washington DC.
9. A.C. Tang, P. Sun, Z. Yang, A. Korzekwal, & M. Sutherland (2008). Sex Differences in Short Brain Waves: Where and When. *Human Brain Mapping*. June 15-19, Melbourne, Australia.
10. Z. Yang, A. Plakio, & A.C. Tang (2008). Early experience permanently reduces behavioral inhibition towards novelty. *Association for Psychological Science*. Chicago (This poster was also presented on *Psychological Research Day* in SUB. April 25, 2008)
11. D.D. Vecchio, Z. Yang, K. Akers, & A.C. Tang (2008). Enhancement of Social Competitiveness among Senescent Rats by Neonatal Experience of Novelty. *Association for Psychological Science*. Chicago
12. Z. Yang, B.C. Reeb, & A.C. Tang (2007). Between-sibling and between-family difference in body weight—the role of neonatal novelty exposure and maternal stress response. *International Society for Developmental Psychobiology*. San Diego.
13. A.C. Tang, Z. Yang, A.M. Korzekwa, B. Reeb, R. Romeo, & B. McEwen (2007). Dissociating the effects of neonatal novelty exposure and maternal stress response on adult offspring spatial memory. *International Society for Developmental Psychobiology*. San Diego.
14. Z. Yang, R.D. Romeo, M. Nakazawa, A.M. Korzekwa, B.C. Reeb, B.S. McEwen and A.C. Tang (2007). Priming Adult Stress Response by Neonatal Novelty Exposure. *Society for Neuroscience*. (Supported by MH 41256). San Diego.

15. P. Sun, Z. Yang, A.M. Korzekwa, M.T. Sutherland, M. Nakazawa and A.C. Tang (2007). Determining Gender from Local Network Synchronization in the Frontal Cortex. *Society for Neuroscience*. (supported by SNL 75111) San Diego.
16. A.C. Tang, M.T. Sutherland, P. Sun, Y. Zhang, M. Nakazawa, A.M. Korzekwa, Z. Yang and M. Ding (2007). Feed-forward versus Feedback Processing in the Human Brain: Distinct Directional Influences Revealed by Integrating SOBI and Granger Causality. *Society for Neuroscience*. (supported by SNL75111) San Diego.
17. Z. Yang, B.C. Reeb, &A.C. Tang (2007). Impact of Mother Rats' Physiological Stress Response on Adult Offspring's Body Weight. *Association for Psychological Science*. Washington D.C. (This work was also presented at *UNM GPSA Research and creative expression symposium* in SUB. Sept. 29th, 2007).
18. A.M. Korzekwa, Z. Yang, B.C. Reeb, A.C. Tang (2007). Creation of between-sibling differences: an induction by 60-minute neonatal non-shared environment. *Association for Psychological Science*. Washington D.C.

AWARDS and GRANTS

1. "Why are some rats better at engaging others in social interaction? ---An investigation using ultrasonic vocalization (USV)." Research Allocations Committee (RAC) grant: \$8,000, given to Dr. Akaysha Tang and Zhen Yang to conduct research at Columbia University and University of New Mexico, 2008.
2. NIH graduate travel awards from the International Society for Developmental Psychobiology (ISDP), given to fund attending and present at 41th annual meeting of ISDP, Nov 12th-15th, 2008, Washington D.C.
3. Association for Psychological Science (APS) Travel Assistance, given to fund attending the APS 20th annual convention, May 22-25th, 2008, Chicago.
4. University of New Mexico Student Research Allocations Committee (SRAC) travel grant, given to fund attending the APS 20th annual convention, May 23-27th, 2008, Washington D.
5. University of New Mexico Department of Psychology Travel funds, given to fund attending the APS 20th annual convention, May 22-25th, 2008, Chicago.
6. "Augmenting the effect of neonatal stimulation via juvenile stimulation: enhancing adult social and cognitive functions" Research Allocations Committee (RAC) grant: \$4,000, given to Dr. Akaysha Tang and Zhen Yang to conduct research at University of New Mexico, 2007.
7. Grants from the Student Conference Award Program (S-CAP), given to fund attending the Society for Neuroscience (SfN) 37th annual meeting, Nov 3-7th, 2007, San Diego.
8. NIH graduate travel awards, from the International Society for Developmental Psychobiology (ISDP), given to fund attending and present at 40th annual meeting of ISDP, Oct 31st-Nov 3rd, 2007, San Diego.
9. University of New Mexico Student Research Allocations Committee (SRAC) travel grant, given to fund attending the APS 19th annual convention, May 23-27th, 2007, Washington D.C.

10. University of New Mexico Department of Psychology Travel funds, given to fund attending the APS 19th annual convention, May 23-27th, 2007, Washington D.C.

PROFESSIONAL AFFILIATIONS

1. International Society of Developmental Psychobiology Graduate Student Affiliate, Sep. 2006-Present
2. Association for Psychological Science Graduate Student Affiliate, March, 2007-Present
3. Society for Neuroscience Student Affiliate, May 2007-present.

RECOMMENDER

Dr. Akaysha Tang, Associate Professor
Department of Psychology, Logan Hall
University of New Mexico
Albuquerque, NM 87131
Tel: 505 610-9077 cell
Tel: 505 277-5397/4931 lab
akaysha@unm.edu