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- **Associate Professor of Neurology and Neuroscience**

Graduate School

M.A., University of Chicago, Ill.
Ph.D., Rutgers University, N.J.

Post-Doctoral Research Fellowship

Monell Chemical Senses Center, Philadelphia, Penn.
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Research Interests

Olfaction in health and disease, sensory integration, olfaction and its connection to cognition and emotion

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Journal Publications

1. Bershad EM, Urfy MZ, Calvillo E, Tang R, Cajavilca C, Lee AG, et al. Marked olfactory impairment in idiopathic intracranial hypertension. J Neurol Neurosurg Psychiatry. 2014;:. [View journal article]
2. Chen J, Zhou W, Chen D. Binaral rivalry in the presence of visual perceptual and semantic influences. PLoS One. 2012;7(10):e47317. [View journal article]
3. Zhou W, Zhang X, Chen J, Wang L, Chen D. Nostril-specific olfactory modulation of visual perception in binocular rivalry. J Neurosci. 2012;32(48):17225-9. [View journal article]
4. Zhou W, Chen D. Entangled chemosensory emotion and identity: familiarity enhances detection of chemosensorily encoded emotion. Soc Neurosci. 2011;6(3):270-6. [View journal article]
5. Zhou W, Hou P, Zhou Y, Chen D. Reduced recruitment of orbitofrontal cortex to human social chemosensory cues in social anxiety. Neuroimage. 2011;55(3):1401-6. [View journal article]
6. Zhou W, Jiang Y, He S, Chen D. Olfaction modulates visual perception in binocular rivalry. Curr Biol. 2010;20(15):1356-8. [View journal article]
7. Zhou W, Chen D. Binaral rivalry between the nostrils and in the cortex. Curr Biol. 2009;19(18):1561-5. [View journal article]
8. Zhou W, Chen D. Fear-related chemosignals modulate recognition of fear in ambiguous facial expressions. Psychol Sci. 2009;20(2):177-83. [View journal article]
9. Zhou W, Chen D. Sociochemosensory and emotional functions: behavioral evidence for shared mechanisms. Psychol Sci. 2009;20(9):1118-24. [View journal article]
10. Zhou W, Chen D. Encoding human sexual chemosensory cues in the orbitofrontal and fusiform cortices. J Neurosci. 2008;28(53):14416-21. [View journal article]
11. Chen D, Katdare A, Lucas N. Chemosignals of fear enhance cognitive performance in humans. Chem

Senses. 2006;31(5):415-23. [View journal article]

12. Chen D, Dalton P. The effect of emotion and personality on olfactory perception. Chem Senses. 2005;30(4):345-51. [View journal article]
13. Chen DK, So YT, Fisher RS, Therapeutics and Technology Assessment Subcommittee of the American Academy of Neurology. Use of serum prolactin in diagnosing epileptic seizures: report of the Therapeutics and Technology Assessment Subcommittee of the American Academy of Neurology. Neurology. 2005;65(5):668-75. [View journal article]
14. Chen D. Natural human body odors can modulate mood independent of perceived odor pleasantness and intensity --- a reply to Black. Biological Psychology. 2001;55(3):219-25. [View journal article]
15. Chen D, Haviland-Jones J. Human olfactory communication of emotion. Percept Mot Skills. 2000;91(3 Pt 1):771-81. [View journal article]
16. Chen D, Haviland-Jones J. Rapid mood change and human odors. Physiol Behav. 1999;68(1-2):241-50. [View journal article]

Poster and Platform Presentations

1. Urfy MZ, Chen D, Calvillo E, Suarez JI, Rao CPV, Tang RA, et al. Profound olfactory impairment in idiopathic intracranial hypertension. Presented at the Neurocritical Care Society (NCS), 11th Annual Meeting in Philadelphia, Penn. (Oct. 1-4, 2013). [View poster]