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EDUCATION AND ACADEMIC POSITIONS

- 2009-present Faculty member, Institute of Psychology, Chinese Academy of Sciences, Beijing.
- 2009 Ph.D. in Psychology, Rice University, Houston, Texas.
 Advisor: Denise Chen
- 2008-09 Research assistant, Department of Neurobiology & Anatomy, The University of Texas Medical School at Houston, Houston, Texas.
 Advisor: Michael S. Beauchamp
- 2007 M.A. in Psychology, Rice University, Houston, Texas.
 Advisor: Denise Chen
- 2004 B.S. in Psychology, Peking University, Beijing. Minor in Computer Science.
 Advisor: Shihui Han

AWARDS

- 2007 Kenneth R. Laughery Award, Department of Psychology, Rice University.
Given for best master's thesis.
- 2005-08 Student Travel Award, Association for Chemoreception Sciences.
- 2004-08 Psychology Graduate Fellowship, Department of Psychology, Rice University.
Given for pursuit of a doctorate in psychology.
- 2004 Merit Student, Peking University.
Given for excellence in moral and academic performance.
- 2003 First Prize, Department of Psychology, Peking University.
Given for highest GPA in the academic year.
- 2002 First Prize, Department of Psychology, Peking University.
Given for highest GPA in the academic year.

GRANTS

- 2009-10 PI. Knowledge Innovation Program of the Chinese Academy of Sciences, Grant No. KSCX2-YW-R-250 Olfactory modulation of attentional and emotional processings. 300,000 RMB

PUBLICATIONS

Zhou, W., Jiang, Y., He, S., & Chen, D. (2010). Olfaction modulates visual perception in

binocular rivalry. *Current Biology*, 20(15), 1356-1358.

Zhou, W. & Chen, D. (2009). Binocular rivalry between the nostrils and in the cortex. *Current Biology*, 19(18), 1561-1565.

Zhou, W. & Chen, D. (2009). Sociochemosensory and emotional functions: Behavioral evidence for shared mechanisms. *Psychological Science*, 20(9), 1118-1124.

Zhou, W. & Chen, D. (2009). Fear-related chemosignal modulates fear recognition in ambiguous facial expressions. *Psychological Science*, 20(2), 177-183.

Zhou, W. & Chen, D. (2008). Encoding human sexual chemosensory cues in the orbitofrontal and fusiform cortices. *Journal of Neuroscience*, 28(53), 14416-14421.

SELECTED PRESS RELEASE

July 8, 2010. Neuroscience: Smells affect sight. *Nature Research Highlights*.

October 12, 2009. Better smellers are more sympathetic, Study says. *National Geographic*.

September 1, 2009. How the nose copes with nostril rivalry. *The New York Times*.

February 17, 2009. Varying sweat scents are noted by women. *The New York Times*.

PRESENTATIONS

Zhou, W., Jiang, Y., Chen, K., & Chen, S. (2010). Integrating olfactory and visual inputs: Olfactory modulation of visual perception and attention. *Slide talk presented at the 7th International Conference on Cognitive Science, Beijing, August 17-20.*

Zhang, X., Chen, K., & Zhou, W. (2010). Developmental fine-tuning of olfactory discriminability. *Poster presented at the Association to Chemoreception Science Annual Meeting, St. Pete Beach, FL, April 21-25.*

Zhou, W., Jiang, Y., He, S., & Chen, D. (2010). The eyes tend to see what the nose smells: Olfactory modulation of visual perception in binocular rivalry. *Poster presented at the Association to Chemoreception Science Annual Meeting, St. Pete Beach, FL, April 21-25.*

Zhou, W., & Chen, D. (2009). Olfactory rivalry: Competing olfactory processing between the two nostrils and in the cortex. *Poster presented at the Society for Neuroscience Annual Meeting, October 17 - 21, Chicago, IL.*

Zhou, W., & Chen, D. (2009). Social anxiety and reduced recruitment of orbitofrontal cortex to human social chemosensory cues. *Poster presented at the Society for Neuroscience Annual Meeting, October 17 - 21, Chicago, IL.*

Zhang, K., Zhou, W., & Chen, D. (2009). Social anxiety and reduced recruitment of orbitofrontal cortex to human social chemosensory cues. *Poster presented at the Association to Chemoreception Science Annual Meeting, Sarasota, FL, April 22-29.*

Chen, J., Zhou, W., Zhang, M., & Chen, D. (2009). Long-term reductions of olfactory sensitivity due to short-term exposures to a peri-threshold odorant. *Poster presented at the Association to Chemoreception Science Annual Meeting, Sarasota, FL, April 22-29.*

Zhou, W., & Chen, D. (2009). Olfactory rivalry: Competing olfactory processing between the two nostrils and in the cortex. *Poster presented at the Association to Chemoreception Science Annual Meeting, Sarasota, FL, April 22-29.*

Zhou, W. & Chen, D. (2008). Fear-related chemosignal modulates fear recognition in ambiguous facial expressions. *Poster presented at the 15th International Symposium on Olfaction and Taste in combination with the 30th Annual Meeting of Association for Chemoreception Sciences, San Francisco, CA.*

Zhou, W. & Chen, D. (2008). Encoding human sexual chemosignals in the orbitofrontal and fusiform cortices. *Psychology Department Colloquium, Rice University, Houston, TX.*

Chen, D. & Zhou, W. (2007). Neural substrates of human sexual chemosignals. *Slide talk presented at the 37th Annual Meeting of the Society for Neuroscience, San Diego, CA. The talk is one of about 700 chosen from a pool of over 16,000 submissions requested by the Public Education and Communication Committee for a Neuroscience 2007 Press Book submission.*

Chen, D. & Zhou, W. (2007). Relationship between olfactory and emotional competencies. *Poster presented at the 29th Annual Meeting of Association for Chemoreception Sciences, Sarasota, FL.*

Chen, D., Zhou, W., Hou, P., & Burton, P. (2006). Brain responses to chemical signals. *Poster presented at the 28th Annual Meeting of Association for Chemoreception Sciences, Sarasota, FL.*

Chen, D., Zhou, W., Hou, P., & Burton, P. (2005). Brain responses to chemical signals in females. *Poster presented at the 35th Annual Meeting of the Society for Neuroscience, Washington, DC.*

Chen, D., Zhou, W., Meusburger, T., & Lucas, N. (2005). Emotional familiarity and the detection of emotional chemosignals. *Poster presented at the 27th Annual Meeting of Association for Chemoreception Sciences, Sarasota, FL.*

STUDENT ADVISING

Undergraduate

Institute of Psychology Talented Undergraduate Research Program:

Xiaomeng Zhang (2009-2010)

Shan Chen (2009-2010)

Graduate

Research Assistants:

Kepu Chen (2009-present)

Xiaomeng Zhang (2010-present)

Master's Committees:

Dongning Ren (M.S. 2010)

Shurui Li (M.S. 2010)

Dissertation Committees:

Huiming Sun (Ph.D. 2010)

Bo Wang (Ph.D. 2010)

AFFILIATIONS

Association for Chemoreception Sciences (AChemS). *Member since 2004.*

American Psychological Association (APA). *Member since 2004.*

Society for Neuroscience (SfN). *Member since 2005.*

REFERENCES

Dr. Denise Chen, Department of Psychology, Rice University.
713-348-4789 xdchen@rice.edu

Dr. Michael S. Beauchamp, Department of Neurobiology & Anatomy, The University of Texas
Medical School at Houston.
713-500-5978 michael.s.beauchamp@uth.tmc.edu

Dr. James L. Dannemiller, Department of Psychology, Rice University.
713-348-5831 dannemil@rice.edu

Dr. Shihui Han, Department of Psychology, Peking University.
86-10-62768867 shan@pku.edu.cn