

Curriculum Vitae

Debo Dong

The Clinical Hospital of Chengdu Brain Science Institute,
MOE Key Lab for Neuroinformation, Center for Information in Medicine,
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Supervisor

Prof. Dezhong Yao, dyao@uestc.edu.cn
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Education

- **Sep. 2015-Present:** Studying PhD, major in Biomedical engineering, School of life Science and technology, University of Electronic Science and Technology of China (UESTC). Supervisor: Professor Dezhong Yao
- **Sep. 2012-Jul. 2015:** M.A, major in Brain cognitive neuroscience, School of Psychology, Southwest University (SWU), China. Supervisor: Professor Hong Chen
- **Sep. 2008-Jul. 2012:** B.S, major in Applied Psychology, Department of Education and Technology, Sichuan University of Arts and Sciences (SUAS), China. Supervisor: associate professor Jian Liu

Awards and honors

- **Postgraduate Period (2015.9-present)**
Consecutive Four-year Scholarship of UESTC, 1st grade (**2015, 2016, 2017, 2018**)
(Name of Awarding Body: UESTC)
- **Postgraduate Period (2012.9-2015.9)**
National Scholarship for Postgraduate Student (**2014**)
(Name of Awarding Body: Ministry of Education of the People's Republic of China)
Outstanding Postgraduate Scientific Achievement Award of Southwest University (2014)
(Name of Awarding Body: SWU)
Consecutive three-year Scholarship of Southwest University, 1st grade (**2012, 2013, and 2014**)
(Name of Awarding Body: SWU)
Excellent Postgraduate Student of Southwest University, 3rd grade (**2013**)
(Name of Awarding Body: SWU)
- **Undergraduate Period (2008.9-2012.6)**
Excellent Bachelor's Thesis of SUAS, 1st grade (**2012**)
(Name of Awarding Body: SUAS)
Excellent Graduation Field Work of SUAS (**2012**)
(Name of Awarding Body: SUAS)

Publications (*denotes joint first authorship)

- Dong D**, Duan M, Wang Y, Zhang X, Jia X, Li Y, Xin F, Yao D, & Luo C. Reconfiguration of Dynamic Functional Connectivity in Sensory and Perceptual System in Schizophrenia. *Cerebral Cortex* 2018;
- Xin F, Zhou F, Zhou X, Ma X, Geng Y, Zhao W, Yao S, **Dong D**, Biswal B, & Kendrick K. Oxytocin modulates the intrinsic dynamics between attention-related large scale networks. *Cerebral Cortex* (accepted) 2018
- Jiang Y, Xia M, Li X, Tang Y, Li C, Huang H, **Dong D**, Jiang S, Wang J, & Xu J. Insular changes induced by electroconvulsive therapy response to symptom improvements in schizophrenia. *Progress in Neuro-Psychopharmacology and Biological Psychiatry* 2018;
- Jiang Y, Duan M, Chen X, Zhang X, Gong J, **Dong D**, Li H, Yi Q, Wang S, & Wang J. Aberrant Prefrontal–Thalamic–Cerebellar Circuit in Schizophrenia and Depression: Evidence From a Possible Causal Connectivity. *International journal of neural systems* 2018; 1850032.
- ***Dong D**, *Wang Y, Jia X, Li Y, Chang X, Vandekerckhove M, Luo C, & Yao D. Abnormal brain activation during threatening face processing in schizophrenia: A meta-analysis of functional neuroimaging studies. *Schizophrenia research* 2018; 197: 200-208.
- ***Dong D**, *Wang Y, Chang X, Chen X, Chang X, Luo C, & Yao D. Common and diagnosis-specific fractional anisotropy of white matter in schizophrenia, bipolar disorder, and major depressive disorder: Evidence from comparative voxel-based meta-analysis. *Schizophrenia research* 2018b; 193: 456-458.
- Jia X, Ma S, Jiang S, Sun H, **Dong D**, Chang X, Zhu Q, Yao D, Yu L, & Luo C. Disrupted coupling between the spontaneous fluctuation and functional connectivity in idiopathic generalized epilepsy. *Frontiers in Neurology* 2018; 9: 838.
- *Chen S, ***Dong D**, Jackson T, Zhuang Q, & Chen H. Trait-based food-cravings are encoded by regional homogeneity in the parahippocampal gyrus. *Appetite* 2017; 114: 155-160.
- Dong D**, Wang Y, Chang X, Jiang Y, Klugah-Brown B, Luo C, & Yao D. Shared abnormality of white matter integrity in schizophrenia and bipolar disorder: a comparative voxel-based meta-analysis. *Schizophrenia research* 2017; 185: 41-50.
- Dong D**, Wang Y, Chang X, Luo C, & Yao D. Dysfunction of large-scale brain networks in schizophrenia: a meta-analysis of resting-state functional connectivity. *Schizophrenia bulletin* 2017; 44: 168-181.
- Dong D**, Wang Y, Jackson T, Chen S, Wang Y, Zhou F, & Chen H. Impulse control and restrained eating among young women: Evidence for compensatory cortical activation during a chocolate-specific delayed discounting task. *Appetite* 2016; 105: 477-486.
- Wu J, **Dong D**, Jackson T, Wang Y, Huang J, & Chen H. The neural correlates of optimistic and depressive tendencies of self-evaluations and resting-state default mode network. *Frontiers in human neuroscience* 2015; 9: 618.
- *Chen S, ***Dong D**, Jackson T, Su Y, & Chen H. Altered frontal inter-hemispheric resting state functional connectivity is associated with bulimic symptoms among restrained eaters. *Neuropsychologia* 2016; 81: 22-30.
- Dong D**, Jackson T, Wang Y, & Chen H. Spontaneous regional brain activity links restrained eating to later weight gain among young women. *Biological psychology* 2015; 109: 176-183.
- Dong D**, Lei X, Jackson T, Wang Y, Su Y, & Chen H. Altered regional homogeneity and efficient response inhibition in restrained eaters. *Neuroscience* 2014; 266: 116-126.

Posters

- Debo Dong et al. (2018). Frequency-dependent Abnormality in local functional connectivity density in schizophrenia, Organization for Human Brain Mapping, 17-21 June, Singapore. 2018.

Debo Dong, Xu Lei, Todd Jackson, Hong Chen (2013). Altered Regional Homogeneity in Restrained Eaters Revealed by Resting-State fMRI. The Sixteenth National Psychology Conference. Nanjing, China. 2-3 December, 2013.

Research experience

Ph.D studying period (2015.9-present)

The Clinical Hospital of Chengdu Brain Science Institute, MOE Key Lab for Neuroinformation, Center for Information in Medicine, School of life Science and technology, University of Electronic Science and Technology of China, Chengdu, China

As a ph.d candidate, I focus on examination of brain circuits' mechanism of schizophrenia, from low-level perceptual system to high-order control system and their interactions using structural (MRI) and functional (fMRI) analysis methods, hoping to enhance our understanding of pathophysiology in schizophrenia and promote new treatment intervention.

Feb-Mar 2018, visiting student, group of Daniele Marinazzo (<http://users.ugent.be/~dmarinaz/>), Department of Data Analysis, Ghent University, Belgium

M.A period (2012.9-2015.7)

School of Psychology, Southwest University, Chongqing, China

In this period, my research experiences mainly focused on using functional magnetic resonance imaging (fMRI) to understand how the neural inhibitory control mechanisms help people achieve their goals, such as weight control or loss. Completed master thesis "Resting State Functional Magnetic Resonance Imaging Studies of Women With Restrained Eating: Binge Eating And Weight Gain Risk".

B.S period (2008.9-2012.7)

Department of Education and Technology, Sichuan University of Arts and Sciences (SUAS), China.

In this period, I mainly learned the basic and core psychology course and finished several internship in high school and hospital. Completed undergraduate thesis "The Differences Between Key Middle School and Average School in Academic Attribution" under the supervising of associate professor Jian Liu.

Other

Programming language: Matlab

Journal reviewer

Brain Imaging and Behavior; Psychiatry Research: Neuroimaging; Frontiers in Psychology; Translational Psychiatry; Psychological medicine

University service

Sep. 2015-present, School of life science and technology, UESTC, member of basketball team

July. 2016, Sumer school of neuroimaging, school of life science and technology, UESTC, Volunteer

Jan. 2013-July. 2015. Brain image center, SWU, operator

Jan. 2013- July. 2015: School of Psychology, SWU, captain of basketball team

July.2010: Summer social practice project, Department of Education and Technology, SUAS, Volunteer

May 2009-May 2011: Basketball Association, SUAS, Minister of Organization Department