Qian Wang

Med-X Research Institute
School of Biomedical Engineering
Shanghai Jiao Tong University, Shanghai, China

EDUCATION

PhD   **Computer Science**   **2009/01-2013/11**
University of North Carolina at Chapel Hill
- Research assistant working on medical image analysis (advisor: Dr. Dinggang Shen);
- Major interests: image registration, image segmentation, temporal/longitudinal image analysis, quantitative image analysis, image enhancement, translational medical study.

MS   **Electronic Engineering**   **2006/09-2009/01**
Shanghai Jiao Tong University
- Research assistant working on medical image analysis (advisor: Dr. Liya Chen).

BS   **Electronic Engineering**   **2002/09-2006/06**
Shanghai Jiao Tong University
- Awarded as the exceptional student (**top 1%** ranked university-wide, 2003);
- Second prize in the Nat'l Undergraduates Electronic Design Contest (2005);
- Second prize in the Nat'l Undergraduates Mathematical Modeling Contest (2005).

TEACHING EXPERIENCE

Instructor   **Computer Vision in Biomedical Engineering**   **Spring 2015**
Shanghai Jiao Tong University
- Design and teach the first computer vision course for biomedical engineering students;
- A textbook "Computer Vision in Biomedical Engineering" will be published by Springer in early 2016.

Instructor   **COMP116: Introduction to Scientific Programming**   **Summer-II 2011**
University of North Carolina at Chapel Hill
- Teach the complete course of COMP116 (Introduction to Scientific Programming) to fulfill the department teaching requirement in Summer Session II, 2011;
- 21/24 items are above the department medians in teaching evaluation.

Teaching Assistant   **Data Structure (Nat'l Level Excellent Course)**   **Fall 2007**
Shanghai Jiao Tong University
- Responsible for tutoring and scoring assignments.

ACADEMIC ACTIVITY

Guest Editor
- Pattern Recognition

Conference Organization
- Co-Chair for *Machine Learning in Medical Imaging* (MLMI) 2015;
- Co-Chair for *Data Mining in Medical Imaging* (DMMI) 2014;
- Co-founder for *Medical Image Computing Seminar* (MICS) 2014;
- Steering committee member for *Medical Image Computing Seminar* (MICS) 2015;
- Program committee member for *CCF Chinese Conference on Computer Vision* (CCCV) 2015;
- Program committee member for *Machine Learning in Medical Imaging* (MLMI) 2013-14;
- Program committee member for *Multimodal Brain Image Analysis* (MBIA) 2013.

Reviewer for Journals
- *Medical Image Analysis*;
- *IEEE Transactions on Medical Imaging*;
- *PLOS One*;
- *Nature Scientific Data*;

- *Computerized Medical Imaging and Graphics*;
- *International Journal of Biomedical Imaging*;
- *International Journal of Computer Assisted Radiology and Surgery*;
- *International Journal of Image and Graphics*;
- *International Journal of Imaging Systems and Technology*;
- *Journal of Visualized Experiments*.

Reviewer for Conferences
- *Medical Image Computing and Computer Assisted Intervention* (MICCAI) 2011-2013;
- *Conference on Computer Vision and Pattern Recognition* (CVPR) 2011-2012, 2014;
- *Int'l Conference on Computer Vision* (ICCV) 2011, 2014-15;
- *Computational Spine Imaging* (CSI) 2011;
- *Medical Imaging and Augmented Reality* (MIAR) 2010.