

## Education

M.S. Candidate in ChemE	<i>Columbia University</i>	2012.09- 2013.12
B.S.in Chemistry	<i>Fudan University, China</i>	2008.09- 2012.06

## Research Experience

- Research Assistant (Prof. Alan C. West group, Columbia University)* Since 2012.10
- ✓ electroless Cu deposition; got trained in simulation and experimental technologies; in charge of QCM experiments
- 973 Program (The National Basic Research Program; Prof. Baohong Liu, Fudan University)* 2010.03- 2012.06
- ✓ apoB electro detection; built the ELISA-based microfluidic and DPV detection system; collected and analysed data; co-author (**Chinese Chemical Letters**, 2011, 22(11), 1343-1346)
  - ✓ fulfilled a biosensor project **independently**; deigned & achieved two methods of low limit ApoA1 detection
- FDUROP (Fudan's Undergraduate Research Opportunities Program)* 2010.09- 2011.04
- ✓ promoted to *National Innovation Plan for University Students*; apoB detection using multi-layer AuNPs

## Work Experience

- *Research Intern* *Customer Lifestyle I&D, Philips Research Asia-Shanghai* 2011.10 -2012.01  
Food Cleaner Project; designed pesticide residues experiments; summarized competitive products information; seeked a balance between product performance and cost
- *Research Intern* *Medical School of Newcastle University, United Kingdom* 2011.07 -2011.09  
Prof. J.H.Lakey group; acquired basic skills (protein production, SDS-gels, CD, DSC etc.) in biomedical study; completed a project on adjusted Caf1 and Orla reaction improvement

## Awards & Scholarships

- Outstanding Student of Fudan University (1/100 per year)* 2009.10
- Fudan University Scholarship (2nd & 3rd-class); National Scholarship for Sci Students* 2008.12 -2012.06

## Campus Experience & Social Practice

- *Deputy Director* *Sci& Tech Innovation Service Center of Fudan University* 2008.10 -2010.12  
provided varied-majored students with access to academic and industrial sources on and off campus
- *Co-founder&Vice President* *Girls Up (a female student association in Fudan)* 2008.10-2010.06  
Co-founder; aimed at girls' overall development; planned & carried out several activities; seeked sponsorship
- *2010 Shanghai EXPO volunteer* 2010.05  
volunteer team leader; offered information sevice around the No.8 entrance&exit for two weeks
- *Volunteer teaching* 2010.07  
taught teenages in Chenjiaba (a village suffered the severe 12<sup>th</sup> May earthquake) with 6 schoolmates for two weeks; finished a report on local life and education conditions; was assessed as outstanding by Fudan University

## Skills & Expertise

- Electrochemical & biomedical engineering, Chemistry (basic parameters, HPLC, spectroscopy, GCMS etc.)
- Microsoft Office, Origin, basic C programming, native Mandarin