**Ninghang (Nathan) Lin** 1645 N 21st Road. Apt#007. Arlington, VA 22209

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**EDUCATION**

**Georgetown University Washington, D.C.**

*Master of Science in Analytical Chemistry* *Dec. 2014*

* **GPA:** 3.75 / 4.0
* **Scholarships:** Georgetown University Fellowship, Teaching Assistantship, and *Espenscheid* Fellowship

**Xiamen University Xiamen, China**

*Bachelor of Science in Chemical Biology* *July 2012*

* **GPA:** 3.73/4.0

**SKILLS**

**Technical:** Basic R & C Language, Microsoft Office (Adv. Excel, Word and PowerPoint), and Other Statistical Tools (XLSTAT and Origin)

**Chartered Financial Analyst (CFA) Program***, Level One Qualified June 2014*

**Bloomberg Aptitude Test (BAT)***, Top 13% July 2014*

**Language:** Chinese and English

**WORK & LEADERSHIP EXPERIENCE**

**ExpertConnect** *Dec. 2014 - Present*

* Conducted market analysis and identified frontline industry professionals for clients from hedge funds, private equity firms and investment banks.
* Co-worked with research associates from New York, Austin, and San Francisco Offices; completed projects covering various industries, including Healthcare, Energy & Industrials, and Technology.
* Arranged conversations between thought leaders and clients.

**Georgetown University** *Aug. 2012 - Dec. 2014*

* Teaching Assistant in two courses for Junior and Senior students.
  + Managed and supervised 80 students to conduct statistical analysis and research in teams; 10 projects were completed.
  + Guided students to deliver data-driven insights and recommendations on report; average report grade improved 7%.
  + Coached other graduate students using instruments and conducted troubleshooting.
* Researching Assistant in a product development project.
  + Designed and built a novel analytical instrument in a team environment.
  + Synthesized trends and mechanisms via quantitative analysis supporting the innovation of new strategies, which attracted a second round of investment.
  + Prepared and reported weekly design enhancement and product development to PerkinElmer, who sponsored the project.
  + Presented latest progress and promoted project awareness in conferences with more than 5,000 participants.

**PROFESSIONAL PROJECTS**

**Georgetown University** *Sept. 2012 - Dec. 2014*

* PARCI Development Project
  + Applied PARCI (plasma-assisted reaction chemical ionization) ion source for pharmaceuticals and environmental contamination analysis.
  + Achieved more than 10 times higher sensitivity for a specific class of environmental contamination, comparing to conventional detection methods.
* MCPD Detection Method Development
  + Set up instrument for experiment and conducted troubleshooting.
  + Performed MCPD extraction from soy source and quantitative analysis

**Xiamen University***July 2009 - May 2012*

* Enzyme Assisted Nucleic Acid Detection System Development
  + Developed a new DNA detection system (CEAM) for special biosignal detection.
  + Implemented CEAM system into cancer signal application and quantitative analysis.
* Novel Fluorescent Labeled Molecular Beacons Development
  + Designed mass amplifying probe and linear molecular beacon for DNA and RNA detection with high sensitivity.
  + Performed DNA chemical synthesis, post-synthesis purification using HPLC-UV/Vis, and DNA/RNA quantification.

**PUBLICATIONS**

* **Lin, N.**, Wang, H. etc. “Gas chromatography plasma-assisted reaction chemical ionization mass spectrometry for quantification of organobromines” (2014). Anal. Chem. 86(15), 7954–7961.
* Wang, H., **Lin, N.** etc. “Plasma-assisted reaction chemical ionization for elemental mass spectrometry of organohalogens” (2014). J. Am. Soc. Mass. Spectra. 25(4), 692-695.
* Cui, L., Zhu, Z., **Lin, N.** etc. “A T7 exonuclease-assisted cyclic enzymatic amplification method coupled with rolling circle amplification: a dual-amplification strategy for sensitive and selective microRNA detection” (2014). Chem. Commun. 50(13), 1576-1578.
* Cui, L., Zou, Y., **Lin, N.** etc. “Mass amplifying probe for sensitive fluorescence anisotropy detection of small molecules in complex biological samples” (2012). Anal. Chem. 84(13), 5535-5541.
* Cui, L., Lin, X., **Lin, N.** etc. “Graphene oxide-protected DNA probes for multiplex microRNA analysis in complex biological samples based on a cyclic enzymatic amplification method” (2012). Chem. Commun. 48(2), 194-196.

**SELECTED CONFERENCE PRESENTATIONS**

* ***Oral presentation***. **Lin, N.**, Wang, H., Kahen, K., Badiei, H., & Jorabchi, K. 62nd American Society for Mass Spectrometry Conference, Baltimore, MD, US, June 2014.
* ***Poster presentation.*** Wang, H., **Lin, N.**, Kahen, K, Badiei, H. & Jorabchi, K. 62nd American Society for Mass Spectrometry Conference, Baltimore, MD, US, June 2014.
* ***Poster presentation.* Lin, N.**, Wang, H., Kahen, K, Badiei, H., and Jorabchi, K. 26th Annual Secondary Ion Mass Spectrometry (SIMS) Workshop, Washington, DC, US, May 2014.

**SERVICE AND ACTIVITIES**

**Committee Member** on *Graduate Student Organization, Georgetown University Oct. 2012 - Aug. 2014*

* Identified and presented suggestions to school officials on housing and weekend transportation on behalf of graduate students; suggestions were fully implemented and benefited about 3,000 students.
* Investigated alleged integrity violations and prepared reports for corresponding school deans.

**Project Leader & Volunteer** *for Chinese Student & Scholar Association (CSSA) Mar. 2013 - Sept. 2013*

* Led and organized the “New Students Pickup” project, e.g. information collection and volunteer management; coordinated a 20-plus volunteer network to serve more than 80 new students.
* Consulted and held the first China-U.S. Forum, especially in event planning, marketing, and logistics; more than 350 people participated from different international organizations and corporations.

**Group Leader** *in Yumiao Foundation Competition, Xiamen University May 2011 - May 2012*

* Coordinated group members’ efforts to complete a project that used fluorescence technology for cancer bio-signal analysis; the final presentation was awarded the Third Prize in the competition.

**INTERESTS**

Tennis, Reading, Movies