

# Xuechun (Lucy) Wang

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[LinkedIn Profile](#)

## Education

### St. John's University

Fall 2017 - Present

PhD Student, Major: Industrial Pharmacy, College of Pharmacy and Health Sciences  
GPA: 3.90

### University of Maryland, College Park

Fall 2013 -Spring2017

Bachelor of Biological Sciences.  
Major: Neurobiology and Physiology  
Minor: Korean Studies  
GPA: 3.7

## Research Experience

### PhD Student at Dr. Vivek Gupta's Lab

Spring 2018- Present

- Research focus on loading drugs into nanoparticles for the treatment of lung cancer and pulmonary diseases.
- Conduct *in vitro* cell culture assays in the aim for identifying molecular mechanisms of drug action

### Social Anxiety and Family Research

June 2016- June 2017

- Conducting clinical Research and coding to understand Adolescent Social Anxiety and parent-adolescent relationships under UMD faculty Dr. De Los Reyes

### Volunteer Research Assistant

Summer 2011, 2012

- at the Maryland Psychiatric Research Center (2012); research of schizophrenic and related mental diseases; data analysis; file data; sent letters to potential research candidates;
- at Radiology department, Georgetown University Hospital (2011); learn about methods of radiation treatment that lead to the least tissue damage; data analysis;

## Awards and Distinctions

- 2019 Best Poster Graduate and Post-Doctoral, AAPS Northeast Regional Discussion Group Farmington, Connecticut
- 2013-2017 Dean's list (>3.5GPA, 7 semesters), University of Maryland, College Park
- Primannum Honor Society
- The National Society of Leadership and Success

## Leadership & Experience

### Treasurer in St. John's University AAPS Student Chapter

Fall 2019 - May 2020

- Financial upkeeping and spending for student chapter activities

### Teaching Assistant for Undergraduate lab courses

Fall 2018 - Present

- Supervised and taught undergraduate pharmacy labs; weekly lab meeting; grade assignments;

**Medical Intern at Menon Medical Center**

**June 2017 - August 2017**

- Interact with patients, take patients' height, weight, blood pressure, pulse etc., operate multi-line phone systems, collect patient co-pays and balances, schedule and confirm appointments, file charts, verify insurances etc. for Dr. Menon's practice (Internal Medicine)

**Teaching Assistant for Biometrics course at UMD**

**Spring 2017**

- Lead discussions and help students with their weekly assignments; grade assignments; weekly meeting with the professor

**Publications**

1. **Wang X**, Parvathaneni V, Shukla SK, Kanabar DD, Muth A, Gupta V (2020). Cyclodextrin Complexation for Enhanced Stability and Non-invasive Pulmonary Delivery of Resveratrol - Applications in Non-Small Cell Lung Cancer Treatment. *AAPS PharmSciTech* (Accepted June 4, 2020).

**Published Abstracts (National/International Conferences Only):**

1. **Wang X**, Parvathaneni V, Shukla SK, Kulkarni NS, Gupta V. Encapsulation of ResveratrolCyclodextrin Complex Loaded Nanoparticles for Enhanced Anticancer Effects on Non-Small Cell Lung Cancer Cell Lines. *AAPS Annual Meeting, November 2018. Washington, DC.*

**Undergraduate Students Supervised:**

**St. John's University**

1. Haden Kim Spring
2. Ran Hur

2020 - Present  
Summer 2019

