

2 Richlee Court, Apt 4s  
Mineola, New York 11501

Established a leadership position as a class advisor for the Class of 2020.

***Biology Teacher at W.Tresper Clark High School***

Earned high marks for quality of classroom teaching and lesson plans used in teaching Biology.

Integrated technology into lessons by using pHET simulation, iPads and computers.

***Chemistry Student teacher at General Douglas MacArthur High School. Grades 10-12. (January-March 2014)***

- Developed lesson plans and instructed unit on Moles/Stoichiometry and Solutions.
- Taught unit on Moles/Stoichiometry using teaching techniques that encouraged active learning and learning through scientific inquiry.
- Implemented technology into the lessons using PhET and Weebly interactive Simulations to demonstrate changes in solubility of a chemical solution.

***Biology Student teacher at General Douglas MacArthur High School. Grades 10-12. (March-May 2014).***

- Developed lesson plans and instructed unit on Genetics and Human Nervous System.
- Integrated Common core and Next Generation Science Standards into lessons plans.
- Executed lessons that promoted active and scientific inquiry based learning.

***Teacher Assistant at SUNY Stony Brook Biotechnology Teaching Laboratory. (January-May 2013).***

- Led 4 lab sessions per week consisting of 24 students.
- Introduced students from grades 7-12 to laboratory techniques, experimental design and data analysis.
- Managed and coordinated elaborate activities: DNA restriction enzyme analysis and Forensic Laboratory.

**Any Publications or Presentations?**

**Any Professional Affiliations?**

**Honors/Awards?**

**Professional Development and Training?**

**Extracurricular Leadership Activities?**

**Professional Development and Training**

Data analysis of trends in science on New York standardized exams 12/10/2019

CPR, AED and FIRST AID training 12/01/2019

Best practices for inclusive classrooms and ELL students.

**Data analysis of trends in science regents exam 12/10/2019**

***13th annual Forensic Science Challenge. (June 2012).***

- Served on event planning committee that Organized and monitored the Forensic Science

Competition.

- Provided advisement and guidance as students competed.

***Judge at Stony Brook University Protein Modeling Challenge for High School students.  
(February 28, 2013).***

- Formulated a rubric for judges to assess a 3-dimensional design of an enzyme.
- Responsible for analyzing and evaluating the structure of a growth factor protein built by high school students.

***None paid volunteer at Levittown Ambulance Volunteer Corp. (August- December 2011).***

### **Skills**

- *Expert in:* Power Teacher, Microsoft (Word, Access, Excel), Power Point, PhET interactive simulations, SMART Technologies, WizardTM.
- *Language:* Fluent in English and Farsi

### **References**

Linda Padwa, Title: \_\_\_\_\_ [Linda.Padwa@stonybrook.edu](mailto:Linda.Padwa@stonybrook.edu) (631-632-7075)  
Caren.Gough, Title: \_\_\_\_\_ [Caren.Gough@stonybrook.edu](mailto:Caren.Gough@stonybrook.edu) (631-632-7075)