### Karim Hafiz.

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

Tele: 917-545-6181 karim.hafiz7@gmail.com

### Education.

- Masters of Arts in Teaching, Stony Brook University, Stony Brook, NY. Graduated in 05/20/2014.
- Bachelors of Science in Biology. Stony Brook University, Stony Brook, NY. Graduated in 05/24/2010.

### **Licenses and Certifications**

# Include ACLS/BLS, your teaching license # and other certifications. Include dates in order from most recent

American Red Cross Basic Life Support Instructor. Certified 11/30/2019

- New York State Initial Certification Chemistry 7-12. Expecte'd 07/15/2014.
- New York State Initial Certification Biology 7-12. Certified .>>>>>>>>.
- New York State General

- ////////=
- [']]=

### Science Certi

- /nn
- fication 7-12. Certified 06/20/2014.
- New York State Biology 5-6 Extension. Certified 06/20/2014.
- New York State Initial Certification Special Education 7-12. Expected September 2014.

## **Employment History**

# Recent Jobs - title, location and dates

## Chemistry Teacher, Tenured, Hicksville High School June 2016 - Present

Developed new science curriculum using Next Generation Science Standards.

Designed a Medical Science curriculum that integrated Basic Life Saving Skills.

Executed innovative teaching strategies such as active learning and inquiry based.

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 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 (631-632-7075)

Caren.Gough, Title: Caren.Gough@stonybrook.edu (631-632-7075)