

### Objective

Obtaining a teaching position that utilizes my passion for teaching chemistry to create a positive experience for the students by implementing various teaching methods and coordinating with other teachers to work on interdisciplinary units

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### Certification

Pennsylvania Secondary Certification in Science, expected June 2011

High School Endorsements in Chemistry – Regular, AP and Honors classes, Biology, Earth Science and Physics

Middle school endorsement expected in Science

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### Education

Wilson College; Chambersburg, PA

Bachelor of Science in Chemistry with Secondary Education; expected June 2011

Anticipated Graduating GPA: 3.75 / 4.0; Deans list all quarters in attendance

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### Teaching Experience

**Student Teacher:** Wells High School, Wells-Ogunquit Community School District; Grades, 11-12, Ogunquit, PA ; Spring 2011

- Facilitated learning of honors and regular chemistry for 3<sup>rd</sup> and 4<sup>th</sup> year students using student-centered lessons and activities
  - Established acceptable classroom behavior guide with students' comments to minimize future class room management issues
  - Discussed students' learning improvement and behavior in class with parents during the parent-teacher conference
  - Utilized many student-centered learning techniques, including demonstrations, molecular model building, and discovery labs
  - Devised a demonstration to connect acid-base reactions with the concept of limiting and excess reactants, related the demonstration to students' daily life, and allowed students to work in cooperative learning groups to analyze examples
  - Created activities that show the relationship between chemistry concepts and everyday life to engage and motivate students
  - Modified curriculum for a English Language Learner and various Special Education Students in the regular education classroom by translating the concepts in student's native language or by explaining the concepts in various simpler steps
  - Assisted students with preparation for ACT and PSAT standardized testing by providing explanation for various scientific concepts while working on practice test questions and modeling various reading strategies
  - Tutored students before, during, and after school
  - Attended various workshops during the 8<sup>th</sup> Annual CPS Service-Learning Conference
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### Field Experience

**Amundsen High School, Chicago Public Schools; Junior Chemistry Classes, Grassyroads, IL; Fall 2010**

- Observed regular, honors, and A.P. chemistry classes to better understand students' needs, implemented various activities and observed various classroom management techniques

**Lane Technical Magnet School, Chicago Public Schools; Sophomore Chemistry Classes, Grassyroads, IL; Winter 2010**

- Gained experience on various teaching methods by observing two teachers working with physics and chemistry classes

**Williams Junior High School, Williams Unified School District; 7<sup>th</sup> Grade Self Contained Science Class, Elm Park, IL; Fall 2009**

- Assisted a sixth grade class with an eco-system experiment, and demonstrated how to actively take notes and how to point out important information in assigned reading to one special education student during an active reading assignment
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### Skills and Interests

- Eager to sponsor various student organizations such as South Asian clubs and cultural awareness groups
- Fluent in Urdu and Hindi
- Interested in organizing after school science sessions to provide students with additional help
- Proficient with Microsoft Words, Excel, Power Point, and Graphic Analysis and Origin programs mostly used for physics, mathematics, and chemistry
- Interested in participating in drug abuse resistance programs and other health awareness programs

