

Heidi C. Sanchez

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OBJECTIVE: To obtain and summer internship that expands my knowledge of Nuclear Engineering.

EDUCATION **Rensselaer Polytechnic Institute (RPI), Troy, NY** **May 2010**
B.S in Nuclear Engineering

Related Classes: Material Science, Nuclear Phenomena, Introduction to Nuclear Engineering and Introduction to Engineering Design, Fundamentals of Nuclear Engineering, Nuclear Instrumentation and Measurements, Thermal Fluids I

RELEVANT EXPERIENCE **Center of Automotive Technology and Systems (RPI)** **Spring 2006 – Fall 2007**
Undergraduate Research Program

Assembled circuit boards while learning how to solder.
Learned and applied proper techniques for taking apart robots.

Undergraduate Research Program

Nuclear Engineering Department (RPI) **Summer 2007**
Studied the relationship between A β 40 and A β 42 proteins to Alzheimer's disease and researched the techniques used to monitor the growth of fibers.

Undergraduate Research Program

Nuclear Engineering Department (RPI) **Fall 2007- present**
Assisting in developing a curriculum for the Nuclear educational/outreach program proposed by Global Nuclear Energy Partnership (GNEP) to RPI. Gained understanding through research about the development of the new Generation IV reactors as well as Generation III reactors.

LEADERSHIP/ ACTIVITIES **Society of Hispanic Professional Engineers (SHPE)** **Fall 2006 - present**
E-board – Regional Representative **Fall 2008-present**

Serve as a liaison between RPI's chapter and the National in addition to being responsible for supporting and spearheading some SHPE events.

Sigma Delta Sorority Inc – **Spring 2006 - present**
- Philanthropy Chair **Fall 2007**

Served as a liaison between RPI and Community Organizations.
Organized fundraisers and food drives.

Volunteer at local YWCA

Headed and sponsored RPI- Red Cross Blood Drive

-Rush Chair

In charge of recruiting potential girls for the sorority.

Supervise that current sisters abide by Panhel rules and regulations.

- Panhel Community Service committee **Spring 2008**

American Nuclear Society **Fall 2007 - present**

Alianza Latina, RPI

Promote appreciation and learning for Hispanic culture in RPI. **Fall 2006 – present**

Community Service Council, RPI **Fall 2007**

Assist in developing ideas to increase participation in events.

Support programs aimed to help out the community.

Minority Leadership Council, RPI

Represent sigma delta sorority while assisting with the intercommunication between groups. **Fall 2007- present**

Encourage unity among cultures.

Minority Greek Council **Fall 2008-present**

SKILLS CAD, Excel, Maple 10, Fluent in Spanish