

# Laura Bolling

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## Education:

### Texas A&M University

Bachelors of Science in Chemical Engineering

- Overall GPR: 3.98
- Major GPR: 4.0

*Financed 75% of college education through merit based scholarships and grants*

Will Graduate December 2014

## Work History:

### Texas A&M Polymer Nanocomposite (PNC) Research Group

Senior Undergraduate Research Assistant

- Work directly with a PhD student to efficiently and accurately perform experiments and publish papers
- Mix solutions, grow films with LbL technique, characterize films, and analyze data
- Develop methods to increase film production and finish projects in 1/3 of allotted time
- Present research updates to other group members

Spring 2011- Present

### The Pines Summer Camp

SWAT (Maintenance) Team Member

- Serve meals and maintain a clean dining hall
- Worked beyond the manual labor aspects of the job description to create a fun, positive, loving environment for campers
- Awarded a contract extension during the summer

Summer 2010

## Publications

- Yang Y.H., **Bolling L.**, Haile M., Grunlan J.C. "Influence of Crosslink Effect with Polymer Multilayer." manuscript in preparation.
- Yang, Y.H., **Bolling L.**, Grunlan J.C. "Graphene Polymer Multilayer with Super Oxygen Barrier." manuscript in preparation.

## Awards and Achievements:

- 6 Internship Offers for Summer 2012 Fall 2011
- Chosen to Participate in Spring Break Qatar Leadership Exchange Fall 2011
  - 1 of 14 students chosen from Texas A&M University
- Women Explore Engineering High School Summer Camp Favorite Counselor Summer 2011
- Outstanding Freshman Award from Society of Women Engineers-TAMU Spring 2011
- Mechanics Scholar Fall 2010
  - Designated as 1 of top 32 students in all Physics 218 sections
- National Merit Finalist Spring 2010
- South Texas Club Soccer State Champion, Regional Quarter-finalist Summer 2009
- Cal-Tech Signature Award Spring 2009

## Activities:

- Society of Women Engineers Fall 2010- Present
  - High School Conference Co-chair (Officer Position) 2011-2012
  - High School Conference Committee Member 2010-2011
  - Collaborated with president to develop new SWE-12 mentorship program
- St. Laurence Parish Retreat Staff Fall 2010-Present
  - Mentor teens and lead games and small group discussions
- Starting, Leading, and Organizing a Women's Bible Study Fall 2011
- Society of Plastic Engineers Member (student chapter) Fall 2010-Spring 2011
  - Volunteered at South Texas SPE Professional conference
- Nationally Ranked Club Soccer (Eclipse Soccer Club) Fall 2000-Summer 2009
  - Goalkeeper who led the defense to a shutout Spring season and state championship tournament

