

Shuyao (Vera) Fan

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EDUCATION

Rutgers University, New Brunswick Campus, NJ

Graduated in May 2013

BS, Materials Science and Engineering (Graduated with High Honor)

GPA: 3.4

SKILLS

- Technical: Advance Microsoft Office (Excel, Access, Word, PowerPoint), Solid Works (CAD), MatLab
- Language: Bilingual in English and Mandarin Chinese

WORK AND RESEARCH EXPERIENCE

Compliance Documentation Specialist for Raw Material Center

Oct 2013 - Present

Johnson & Johnson Consumer and Health Care via C&G Consulting, Morris Plains, NJ

- Created and revised raw material specifications requested by Quality Assurance, Technical Assurance, Procurement, External Manufacturing Sites and Third Party Vendors.
- Ensured Raw Material (RM) template is accurately completed in accordance to the J&J guidelines established before submitting for internal approval.
- Evaluated impact of changes and accurately communicated risks and requirements to the J&J Global Change Control approver.

Recycling of Post-Consumer Containers into Construction Materials

Jan 2013 - May 2013

Senior Project, Rutgers University AMIPP Center, Piscataway, NJ

- Studied how fiberglass length and chemical composition affect the impact resistance in High Density Polyethylene and Polystyrene composite material by performing ASTM D256 impact test.
- Utilized Impulse Data Acquisition software to collect data and used Excel to analyze the obtained data.
- Maintained a comprehensive lab notebook and presented the results to the class of 30 people.
- Researched relevant literatures and viable future construction applications.

Research Co-op for Family Care Product Development

Sept 2012 - Dec 2012

Kimberly-Clark Corporation, Neenah, WI

- Supported Kimberly Clark's Family Care Department on developing more cost effective and more robust disintegrated moist wipes.
- Produced the wipes in a lab scale to imitate the same processing condition and procedure as in the pilot plant.
- Performed tensile strength test on the new and used wipe to gather strength data of the material and utilized Excel to analyze the data.
- Studied how polymer additive affects robust disintegration of post use wipe.
- Developed techniques and skills to operate and maintain department equipment.
- Presented the research findings in a meeting of 50 people and concluded results in a company journal.

HONORS AND AWARDS

- Leroy W. Allison Ceramic Scholarship, Spring 2012
- Student Excellence Scholarship from *Corning Incorporation*, Spring 2011
- Dean's List since January 2010

ACTIVITIES

- Full Member, Ceramic Association of New Jersey [CANJ]
- Secretary, Keramos Rutgers Chapter – The American Ceramics Society, 2010 - 2011