

Job Title: Advanced Engineering Internship

Req Id 48223 - Posted 01/08/2016 - Research and Development - Amcor Rigid Plastics - North America - United States - MI - Ann Arbor - Full-Time - Intern - Graduate Program: Yes

Amcor Rigid Plastics Job Posting
Role: Advanced Engineering Internship
Location: Manchester, MI

Amcor is the world's largest publicly traded packaging company; a market and innovation leader adding value to the world's most recognizable brands.

- Amcor, with \$9.5 billion in sales (FY 2014), is a global leader in responsible global packaging solutions supplying a broad range of rigid & flexible packaging products into the food, beverage, healthcare, home and personal care, and tobacco packaging industries
- Amcor offers exclusive and innovative solutions that are at the forefront of the packaging industry
- Today, Amcor has more than 27,000 co-workers working together across more than 180 sites in over 40 countries
- We are: Global, Customer-driven, Innovative, Responsible and Talented
- Visit www.Amcor.com to learn more

We believe in responsible packaging. We passionately and relentlessly apply art and science to enhance the products people use in everyday life, today and tomorrow. We are also committed to supporting and developing our co-workers who make our success a reality.

About the Opportunity:

Amcor Rigid Plastics is seeking a full-time summer intern that will commence in May 2016 and will give the selected student; a challenging project-based work experience, the opportunity to learn about Amcor Rigid Plastics business, the packaging industry, and receive mentorship from business leaders.

Potential Internship Assignments:

- Development and calibration of a Visco Elastic Material Parameter to model the PET material for Finite Element Analysis (FEA)
- Exploration of the use of Coupled Eulerian Lagrangian and Smooth Particle Hydrodynamics options in Abaqus to simulate Fluid Structure Interaction

Basic Qualifications:

- **Candidates must be pursuing an graduate degree (Masters/Ph.D.) in Engineering: Mechanical, Structural, Civil, Aerospace, or a related area**
- 3.2 GPA or higher, cumulatively
- Legally authorized to work in the United States on a permanent basis without company sponsorship now or in the future

Preferred Qualifications and Skills:

- Strong analytical skills
- Knowledge of Fluid Dynamics, and Material Science
- Knowledge of Finite Element Analysis (FEA)
- Motivation to learn and take challenges
- Excellent interpersonal and communication skills
- Ability to work within a team-based environment
- A continuous improvement and innovative mindset
- Initiative to meet project milestones and deadlines

Amcor Rigid Plastics recognizes the value of diversity in our workforce and encourages all qualified applicants to apply.

We are proud to be an Equal Opportunity/Affirmative Action Employer, making decisions without regard to race, color, religion, creed, sex, sexual orientation, gender identity, marital status, national origin, age, veteran status, disability, or any other protected class.