Eligible candidate will be a key member of PepsiCo Advanced Research Organization. He/she will be part of the Beverage Packaging Research Team within the Advanced Research Organization. He/she will be responsible for conducting fundamental research to leverage biopolymers, bio-based materials and other renewable materials towards use in PepsiCo's beverage packaging applications.

Qualifications:

- M.S. / Ph.D. in Biochemistry, Organic Chemistry, Polymer Chemistry, Polymer Science or Chemical Engineering
- 4 to 7 years' experience in research & development within the area of biopolymers and/or biochemistry
- High level of competency in area of biopolymers, specifically in:
  - 1st and 2nd generation processes to derive bio-based intermediates/pre-cursors for packaging materials
  - Chemistry & reaction mechanisms
  - Synthesis & commercial manufacture
  - Processing
  - Analytical and performance testing of materials
  - Comparative techno-economic analyses of manufacturing processes
  - Fundamental understanding of beverage packaging materials (PET, PE, PP etc.)
  - Regulatory Requirements beverage packaging
  - Good overall understanding of package performance, shelf life and food science aspects
  - Strong problem-solving and decision-making skills. Ability to define problems, collect data, establish facts and draw valid conclusions
  - Strong project management skills with proven ability to reconcile project timelines, business risks and resources to define a clear, concise plan of action
  - Excellent organization skills, negotiation and consensus building skills
  - Ability to work both as team leader and team member
  - Must be willing and able to travel 20% of the time

Equal Opportunity Employment M/F/D/V

Ref: 9692BR

Nearest Major Market: White Plains
Nearest Secondary Market: New York City
Job Segments: Biochemistry, Chemical Engineer, Engineer, Engineering, Food Science, Law, Legal, Manufacturing Engineer, Materials Science, Organic Chemistry, Project Manager, R&D, R&D Engineer, Research, Science, Technology
PepsiCo Advanced Research Intern

Job Description:

PepsiCo Advanced Research (PAR) represents the corporate research branch of PepsiCo dedicated to long-term, high risk, high impact research and development. PAR projects have broad applications in the core technologies of food processing and packaging, as well as beverage processing and packaging. The goals of PAR are to expand PepsiCo’s technical knowledge and capabilities in these areas and to enable new business opportunities through innovation, experimentation, and collaborations with industry and academic technology experts. In support of PepsiCo’s Performance with Purpose initiative, PAR’s vision is to conduct "astonishing research that changes the world." The four pillars of this vision – Imagine and Create, Pursue Great Science, Challenge the Limits, and Improve People’s Lives – guide the direction of PAR and articulate the nature and substance of its mission.

The PepsiCo Advanced Research Food Processing and Packaging teams are seeking advanced degree candidates (M.S. or Ph.D.) for 3 – 6 month internships at the Global Research and Development Center in the Dallas, TX area. Graduate students pursuing advanced degrees in engineering (chemical, food, mechanical, materials science, and electrical) and science (chemistry, biochemistry, physics, and food science) are encouraged to apply. In addition to a strong academic record and research capabilities, the ideal candidate will demonstrate a history of technical creativity and innovation consistent with the four pillars of the PAR vision.

Guided by PAR team members, interns will be expected to utilize critical thinking skills to plan and coordinate individual activities and contribute to project initiatives that have the potential to significantly impact the company’s business. Example projects could include identification and testing of innovative packaging materials, or novel food processing methods. Depending on business needs and the interests of the student, interns may travel to participate in plant trials, and will have the opportunity to present project results to senior leadership. The experience will provide the intern with an understanding of the role of applied research in the consumer goods industry. In addition, internships during summer months include various career development and social events that are organized to enhance the internship experience.

Qualifications:

M.S. or Ph.D candidate in engineering (chemical, food, mechanical, materials science, and electrical) or science (chemistry, biochemistry, physics, and food science). U.S. citizenship or permanent residence required.

Contact:

Interested candidates should send resumes to Jason Rich at jason.rich@pepsico.com no later than April 30, 2012.