R&D Summer Internship Program

The R&D Summer Internship Program is our 10-12 week program designed to provide science and engineering students the opportunity to meaningfully contribute to a current research and development project at BD. Students may work within cross-functional or interdisciplinary teams and may have multiple internal partners and customers. Additionally, students will be partnered with peers, senior personnel and supervisors who will provide informal mentoring and coaching towards success. Students will be exposed to the BD culture and our process of designing and developing medical device products for different global markets.

BD

Value proposition:

As an intern at BD, you will have the opportunity to develop an expansive network and hone your technical engineering expertise. Each intern will have an individual research and development project, a variety of opportunities for career development and a mentor to guide you through the summer.

Career development:

- Learn how to work in an engineering environment
- Build hands-on laboratory skills
- Deliver business presentations to showcase work
- Develop an extensive professional network
- Gain exposure to the medical device industry
- Become integrated into BD culture

Program requirements:

- BS and/or MS/PhD student pursuing a degree in Mechanical Engineering, Electrical Engineering, Biomedical Engineering, Material Science & Engineering, Polymer Science & Engineering, Industrial Engineering, or Computer Science & Engineering
- Ability to work 40 hours per week for 10-12 week summer internship
- Legally authorized to work in the United States without limitations and require no sponsorship for visa status now or in the future (*e.g., H1-B status*)

The candidate is responsible for all housing and transportation costs.

Intern project areas:

Within BD R&D, interns will work in one of the following teams:

Materials Science & Engineering Teams

- Applicable majors: ME, BME, CSE, MSE, PSE
- Project examples: material evaluation for optimization in product development, effects of material selection on manufacturing processes and operations, and material analysis for cost reduction/savings

Mechanical & Biomedical Engineering Teams

- Applicable majors: ME, BME, EE, IE, CSE
- Project examples: pressure testing of syringe products, product design for compliance with regulatory standards, evaluation of complex mechanical product interactions, and destructive testing and analysis

Electrical Engineering Teams

- Applicable majors: ME, BME, EE, IE, CSE
- Project examples: system prototyping for high-voltage supply circuits, RFID system experimentation to test limits of assembled design, and developing electrical systems for measurement of intricate products

For more information, visit **jobs.bd.com**

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