A Metallurgist/Materials Engineer is sought for a medical device technology development program. This role is an opportunity to apply a fundamental scientific approach towards development of products that are central to company growth strategies.

The primary responsibilities for this position are:

- To identify, assess and conduct metallurgical technology development activities to process metallic devices
- To gain insight into the metallurgical requirements of materials and develop a detailed scientific understanding of all aspects of related metallurgical and manufacturing processes
- To conduct microstructural, mechanical and topographical characterization of the processed materials using optical and electron microscopy as well as analysis of composition and texture
- To interface with manufacturing sites and quality assurance personnel for trouble shooting and technology transfer
- To support the team leader with regard to project proposals, management, execution of tasks and preparation of status reports.

A Ph.D. in metallurgical/materials engineering from a top research institution is required, but candidates with a Master’s degree and several years of relevant experience would also be considered. Demonstrable metallurgical and microstructural characterization expertise is required, especially for stainless steels. Excellent communication and presentation skills are required to interact with customers, production personnel, marketing and research scientists/engineers Familiarity with one or more of the following metallurgical processes is preferred and will be regarded very favorably: Laser/TIG welding, wire/tube drawing, heat-treating, grinding and electrochemical finishing.

I am a recruiter with BD's (Becton, Dickison, and Co.) Medical Surgical Systems group. BD is a Fortune 500 global medical technology company that makes and sells medical devices, instrumented systems and reagents. As we are aware, Lehigh has a well respected Metallurgy program. Our R&D group is currently looking to identify a Metallurgist/Materials Engineer for our Franklin Lakes, NJ corporate HQ.

We would be interested with speaking with recently graduated students or alumni who would be interested in learning more about this opportunity. Interested parties can forward an updated version of their resume to my attention: gantonelle@aol.com, gregory_antonelle@BD.com, or they can call me at my office, 201-847-4372 to learn more. Please feel free to forward this announcement to colleagues and associates who might have an interest.

Greg Antonelle  
Talent Sourcer