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Karen Duggan
Human Resources
Job Central
999 Regal Drive
Dallas, TX 75201

Dear Ms. Duggan:

I am a Ph.D. Candidate in Biomedical Engineering. Dr. Joseph Metcalf indicated that I should contact you in regards to the Biomaterials Engineer position currently available within your organization. I understand that you seek a candidate who has experience prototyping of an implantable drug delivery device, as well as biomaterials, tissue interactions and impurity identification. I hope you will agree that my qualifications and experience meet your organization's needs.

In collaboration with the Orthopedic Implant Group at UT Southwestern, I have developed a prototype of an orthopedic implant using biomaterials. In addition, I am experienced in surface and thin film characterization and elemental and molecular identification. I have designed and performed experiments to solve issues of contaminants on surfaces and impurity identification. At UT Southwestern, I assessed the bio-incompatibility of orthopedic implants and surgical instruments.

Throughout my research project, I have cooperated with professors in the Department of Materials Science and Engineering and the Biology Department. At the same time, I have worked closely with scientists and physicians at a biomedical device manufacturing firm, which is a partner in the research on orthopedic implants. These experiences have taught me the importance of teamwork and good communication. I have learned to collaborate effectively with researchers who have many different personalities and work styles.

I am attracted to your company because of its innovation in biomaterials and its motivation to turn ideas into safe medical products. Thank you for your attention. I will follow up next week by phone to see if we can set up an interview.

Sincerely,

John Doe