Corporate Internship Program on Plasma Technology Applications

Project Title:
Low-Temperature Plasma Treatment of Porous Constructs for Enhanced Bioactivity

Project Reference Code:
Evonik3

Host Facility:
Evonik Corporation

Host Facility Location:
756 Tom Martin Drive
Birmingham, AL 35211
http://www.evonik.com

Project Description:
The research will investigate the effects of plasma treatment on cellular activity or substrates fabricated via 3D printing technologies. Further, investigation into ideal plasma sources for various cell types (e.g., fibroblasts, osteoblasts, keratinocytes) will be initiated. These studies may also be used to examine the effects of plasma treatment on the end-performance of the printed substrates.

Disciplines:
Materials Engineering

Is U.S. citizenship required to participate in this project?
Yes

Name(s) of Mentor(s) and contact information:
Andrew Wood (Andrew.Wood@Evonik.com)
Balaji Prabhu (Balaji.Prabhu@evonik.com)

Internship Coordinator/ HR manager:
Julia Jacobs (Julia.Jacobs@Evonik.com)

The name and contact information of personnel at the host facility is provided for further assistance with questions regarding the host facility or the project.

Interns will not enter into an employee/employer relationship with the host facility. No commitment with regard to later employment is implied or should be inferred.