The U.S. Naval Research Laboratory Bioenergy and Biofabrication Section is looking for a qualified Ph.D. candidate for a postdoctoral position in biomaterials and bioengineering. Qualified candidates need to hold a Ph.D. in bioengineering, materials science, chemistry, biology, physics or related field and be willing to work on interdisciplinary programs. Candidates with research experience in bioprinting, forming nanofiber polymers (including natural products and biopolymers), optics, laser processing, hydrogels for tissue scaffolding, micro- and nano-fabrication techniques for polymers/soft materials, or mammalian cell interfacing with materials will be given preference. Specific desired skills include 3D confocal microscopy, electrospinning, computer aided design (CAD)/computer aided manufacturing (CAM), biomaterial testing, 3D cell culture, stem cell differentiation, bioreactors and/or lab-on-a-chip cell culturing, microfluidics, laser system engineering as well as hydrogel formulation and synthesis.

NRL collaborates with the National Research Council (NRC) and the American Society of Engineering Education (ASEE) to place postdoctoral associates at the Lab. The starting salaries for these positions are approximately $74,000/yr and require US citizenship or permanent resident status. Additional information about these opportunities can be found at:


AND


Please send CV’s and interest letters to Dr. Brad Ringeisen (Head, Bioenergy and Biofabrication Section, NRL) at Bradley.Ringeisen@nrl.navy.mil.