



Jinhye Bae

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Jinhye Bae is an assistant professor in the Department of NanoEngineering at the University of California San Diego. She received her Ph.D. in Polymer Science and Engineering at the University of Massachusetts, Amherst in 2015, where she conducted research with Ryan Hayward on fluid interface mediated assembly and deformation of nanometer and micrometer sized soft materials. She then worked with Joost Vlassak in the School of Engineering and Applied Sciences at Harvard University as a postdoctoral fellow, on micromachined pico-calorimetric sensors for bioenergetic measurements and 3D printable soft ionic devices. Her research at the University of California San Diego focuses on understanding the deformation and assembly of soft matter on the nano to macro-scales, and integrate their unique characteristics into new approaches for applications in biomedical devices, soft robotics, actuators, and sensors.