



Joel Cooper

Joel Cooper Receives NSF Fellowships

Joel Cooper, a doctoral candidate in the Department of Mechanical Engineering, has been awarded two prestigious National Science Foundation fellowships to conduct research in Japan. This summer, he will be supported for ten weeks by NSF's East Asia Pacific Summer Institutes (EAPSI) fellowship to collaborate with researchers at the University of Tsukuba. He will receive support from both NSF and the international sponsoring agency.

Cooper's dissertation research focuses on the manipulation and patterning of cells using acoustic forces. He is co-advised by Nathan Gallant, associate professor in the Department of Mechanical Engineering and Rasim Guldiken, associate professor in the Department of Mechanical Engineering.

[NSF East Asia Pacific Summer Institutes for U.S. Graduate Students](#)

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[USF Cellular Mechanotransduction and Biomaterials Laboratory](#)

[USF Microfluidics and Acoustics Laboratory](#)