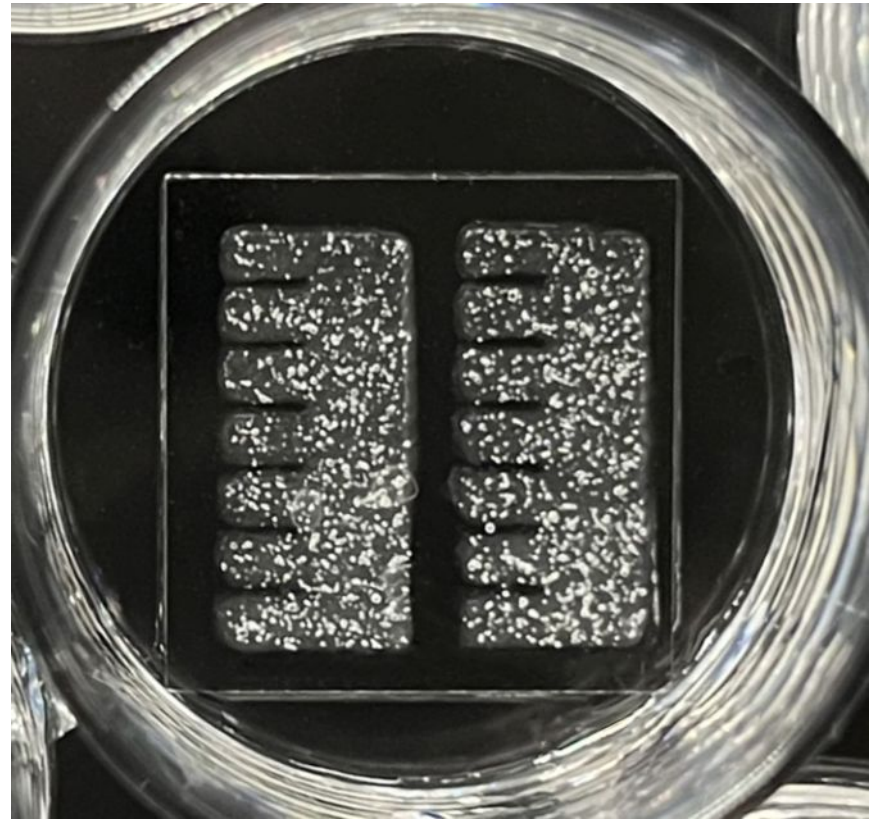


# 3D Printing Hearts

Allie Gipson, Suji Choi, Kit K. Parker  
Drury University, Scott Petrich  
NSF DMR (1559890)

My project this summer has been to 3D print heart tissue and characterize the stiffness in order to better recapitulate the mechanical environment of the heart. The goal is to one day be able to 3D print a functioning heart.



3D printed tissue with gelatin fiber infused Bio-Ink.

# 3D Printing Hearts

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Drury University, Scott Petrich  
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Rising senior at Drury University, pursuing a degree in Biochemistry. The REU program has opened many doors, by showing me the different career opportunities in research.



Photo of REU Student Allie Gipson and Ann-Caroline with gelatin fibers.