

# 3D Printing and Biofabrication Workshop

NIH Center for Engineering Complex Tissues (CECT)  
June 8, 2018

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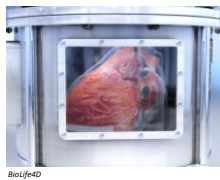
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## Welcome and Overview



BioLife4D



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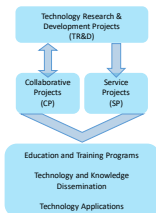
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- The fabrication of complex engineered tissues remains a grand challenge in regenerative medicine
- CECT will pioneer the engineering of complex tissues by developing and disseminating techniques in bioreactor culture, cell printing, and complex scaffolds
- CECT will also establish a community of investigators in these endeavors through disseminating technologies and growing new technologies for fabricating complex tissues



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### Schedule

9:00 am – 9:10 am	Welcome and Overview
9:10 am – 9:30 am	Introduction to Tissue Engineering and Regenerative Medicine
9:30 am – 9:50 am	Introduction to 3D Printing: A brief description of tools and techniques involved
9:50 am – 10:20 am	The 3D Printing process
10:20 am – 10:40 am	Break
10:40 am – 11:10 am	Case Study
11:10 am – 12 pm	Printing Considerations
12 pm – 1 pm	Lunch
1 pm – 2:30 pm	Lab Tour and Demos
2:30 pm – 3:30 pm	Round Table Discussion
3:30 pm – 3:40 pm	Wrap up

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