

BIOPRINTING DESIGN INNOVATIONS



Exposing students to biomedical applications using r3bEL to print a 3D ear model

Short Bio of Speaker

Dr. Mayasari Lim is founder and CEO of SE3D and previously an assistant professor in Bioengineering at Nanyang Technological University, Singapore. Her research expertise included stem cell engineering, bioprocess design, and biological modeling. Dr. Lim obtained her Ph.D. degree in Chemical Engineering at Imperial College London and her B.Sc. in Chemical Engineering at UC Berkeley.

Bringing “BIO” into Engineering

The r3bEL bioprinter is an essential tool for providing an integrated STEM learning experience and engage them in exciting student projects in biomedical fields. Exciting projects include:

- Material explorations for tissue engineering applications e.g. cartilage, bone
- Creating biologically-relevant assays and 3D models to study diseases and cancers
- Creating channels and networks to tackle vascular engineering problems
- Bioprinting for personalized and “on-demand” medicine

Beyond Biomedical

Apart from all these exciting biomedical applications that a bioprinter can lead to, there are growing and untapped applications in the biotechnology, green technology, agricultural and food science arena waiting for students to explore. This workshop seminar will provide a technology overview and cover a variety of applications relevant to bioprinting.

April 24, 2017 12-1.30 PM

Jacobs Institute for Design Innovation, Room 220
University of California, Berkeley

Click on [this link](#) to register and fill out a pre-survey to select topics of interest to be covered during the workshop. We look forward to seeing you there!



SE3D, INC.

SE3D.com is an EdTech startup, funded by the National Science Foundation, innovating in desktop 3D bioprinters for next generation scientists and engineers.

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