

3D Printing in Medicine Summer Course, 11-14 February 2019

Monday 11 February	Tuesday 12 February	Wednesday 13 February	Thursday 14 February
8.30am: Registration and coffee (Beaven Foyer, 7 th Floor, Uni of Otago Christchurch campus)			
9.00am: Welcome, overview & assigned challenge Prof. Tim Woodfield (Beaven Theatre)	9.00am: Biomaterial Inks and Bioinks – Complementary Elements for Biofabrication Prof. Jürgen Groll (Beaven Theatre)	9.00am: The Role of 3D Printing in Orthopaedics Prof. Gary Hooper (Beaven Theatre)	9.00am: Assignment Presentations 10min presentation + 5 min questions per team (Beaven Theatre)
9.30am: Introduction to 3D Printing & Biofabrication in Medicine Prof. Tim Woodfield (Beaven Theatre)	10.00am: Morning tea – catered (Beaven Foyer)	10.00am: Morning tea – catered (Beaven Foyer)	
10.30am: Morning tea – catered (Beaven Foyer)	10.30am: 3D Printed Bioceramics for Bone Regeneration Prof. Hala Zreiqat (Beaven Theatre)	10.30am: Building a Business Around Additive Manufacturing of Medical Devices Paul Morrison (Beaven Theatre)	11.00am: Morning tea – catered (Beaven Foyer)
11.00am: Designing Bioinks for 3D Printing Prof. Jason A. Burdick (Beaven Theatre)	11.30am: 3D Printing and BioPrinting Technology from the Orthopaedic Surgeon’s Perspective. Prof. Peter Choong (Beaven Theatre)	11.30am: Additive Manufacturing in Veterinary Medicine Dr Seamus Tredinnick (Beaven Theatre)	11.30am: Awards and closing Prof. Tim Woodfield (Beaven Theatre)
12.00pm: Lunch – catered (Beaven Foyer)	12.30pm: Lunch – catered (Beaven Foyer)	12.30pm: Lunch – catered (Beaven Foyer)	12.30pm: close of day
1.00pm: Design and Development of Biomaterials for 3D Bioprinting. Dr Khoon Lim (Beaven Theatre)			
1.30pm: The Importance of Bio in Biofabrication. Dr Gabriella Lindberg (Beaven Theatre)	1.30pm: Stream A – Assignment Workshop (assemble in Beaven Theatre); Stream B – Lab Tour (assemble outside Beaven Foyer); Stream C – Practical (assemble in Beaven Foyer)	1.30pm: Panel Discussion, moderated by Tim Woodfield. Jason Burdick, Jürgen Groll, Khoon Lim, Gabriella Lindberg, Paul Morrison, Seamus Tredinnick (Beaven Theatre)	
2.00pm: Industrial Design Advocacy for 3D Printing in Healthcare Prof. Simon Fraser and Bernard Guy (Beaven Theatre)		2.30pm: The Commercialization, Challenges & Future of 3D Bioprintng. T. Bylund & M Mail. (Beaven Theatre)	
3.00pm: Afternoon tea – catered (Beaven Foyer)	3.00pm: Afternoon tea – catered (Beaven Foyer)	3.00pm: afternoon tea – catered (Beaven Foyer)	
3.30pm: Stream A – Lab Tour (assemble outside Beaven Foyer); Stream B – Practical (assemble in Beaven Foyer); Stream C – Assignment Workshop (assemble in Beaven Theatre)	3.30pm: Stream A – Practical (assemble in Beaven Foyer); Stream B – Assignment Workshop (assemble in Beaven Theatre); Stream C – Lab Tour (assemble outside Beaven Foyer)	3.30pm: Unstructured time for completing the assignment	
5.00pm: close of day	5.00pm: close of day	5.00pm: close of day	

As at 7 February 2019

www.otago.ac.nz/3dprintmedicine

