

STUDENT	RESEARCH TITLE	YEAR	COSUPERVISOR	
1	Pouya Zangeneh	Development of EHD liquid pumps for cooling applications	2005-07	Dr. Chan Ching
2	BalasubramanianSubramani	Surface micromachining of PDMS	2005-07	
3	SarveshUpadhyaya	Microfluidic devices for cell based high throughput screening	2006-08	
4	Arash Noori	Single cell microinjection using compliant channels and electroosmotic dosage	2006-08	Dr. Chan Ching
5	Simon Loane	Sensors for temperature and flow measurements in microchannels	2006-09	
6	Mohamed Hasnain	Ion drag electrohydrodynamicmicropumps	2007-10	
7	Salman Moshenabad	Microfluidic reference electrode for use in BioFET sensor systems	2008-10	
8	Siawash Shinwary	Microfluidic droplet generation	2009-11	
9	Bo Dang	Micro extraction column for DNA concentration and extraction	2010-12	
10	Peter Lee	Microfabricated filters for DNA,protein and cell separation	2010-13	
11	Shehadul Islam	Microfabricated cell lysis	2010-12	
12	Zhu Chao	Parallel droplet generation	2011-13	
13	Reza Ghaemi	Microinjection of C.elegans	2012-14	
14	Jun Yang	Electrical extraction of DNA	2012-14	
15	Harpreet Matharoo	Microfluidic oxygenators	2013-16	
16	Pankaj Saini	Sample preparation for environmental samples	2014-17	
17	Juncong Liu	Integration of microwires in microfluidic devices	2014-16	
18	Shubham Banik	Microfluidic device from extraction of sample from swab	2014-17	
19	Sondos Ayyash	Nanowell culture arrays	2014-16	
20	Shayan Liaghat	Parallel LAMP amplification	2015-17	
21	Michael Zlatin	3D printing of silicones	2015-18	
22	MelizethMazumdar	Insitu oxygen generator for blood oxygenation	2015-17	
23	Celine Ling	Micro metabolic assays	2016-19	
24	Parker Bondi	Control systems for DNA quantification	2016-18	
25	Monika Sliwiak	Inkjet printing of PDMS	2016-18	Phil Koshy
26	Changcheng Guo	Hydrophobic surfaces using EDM	2016-18	
27	Devon Jones	Imaging live worms and fly larva using light sheet microscopy	2017-	
28	Rong Wu	Nanostructure formation using structured machine tools	2017-19	Mohammed Tauhiduzzaman
29	Panashe Mudzi	Manufacturing process for protective textiles	2019-	