

	STUDENT	RESEARCH TITLE	DURATION
1	Andrew Evans	Fabrication of microchannels in PDMS	Summer 2005 & 06
2	Sarah Timons	Characterization of working fluid for EHD micropump	2005-06
3	Arash Noori	Piezoelectric Inchworm actuation	2005-06
4	Drew Grandy	Thermal phase change actuation	2005-06
5	Byron McKay	Thermal phase change actuation	2005-06
6	Ryan Caton	Thermal phase change actuation	2005-06
7	Stephanie Leung	Electrokinetic hydraulic actuators	2005-06
8	Rodney D'Costa	Electrokinetic hydraulic actuators	2005-06
9	Massimo Perillo	Mini-scale EHD micropump characterization	2006-07
10	John Molnar	Mini-scale EHD micropump characterization	2006-07
11	Andrew Hochkirchen	Mini-scale EHD micropump characterization	2006-07
12	David Leferink	Electrochemical discharge machining of glass	2007-08
13	David Zhitomirsky	Microfluidic reference electrode	Summer 2008
14	Imran Deen	Assembly of microneedles	Summer 2008&09
15	Kevin Ou	Reactive ion etching of silicones	2008-09
16	Siawash Shinwary	Microfluidic electrospinning	2008-09 & Summer 2009
17	Gujin Wang	Fabrication of microfluidic channels in poly urethane	Summer 2009
18	Alex Curcic	Thermal phase change actuators with conductive micro/nanoparticles	2009-10
19	Jason Fink	Micro PCR	2010 - 2011
20	Hasnain Lanewala	Microdroplet motion	Summer 2010
21	Mehran Reza	Microplasma sources	Summer 2010
22	Katie Campagnolo	Micro PCR	2010 - 2011
23	Marty Wopereis	Micro PCR	2010 - 2011
24	Aanchal Sehgal	Blood Oxygenator	2010 - 2011
25	Jason Patel	Blood Oxygenator	2010 - 2011
26	Wan Han Lee	Nanoparticle printer	2010 - 2011
27	Amjad Khan	Nanoparticle printer	2010 - 2011
28	Dipen Nagpal	Blood Oxygenator	Summer 2011
29	Ramizur Rahman	Protein separation	Summer 2011
30	Manjula Appasamy	High throughput cell culture	Summer 2012
31	Syed Wasi	Wireless magnetic micropump	2012-2013
32	Beicheng Wu	Pneumothorax tube	Summer 2013
33	Abdul Jawad	Wireless magnetic valve	Summer 2013
34	Dipen Nagpal	Design of a novel pneumothorax puncture device	2013-2014
35	Jordan Black	Design of a novel pneumothorax puncture device	2013-2014
36	Harpreet Baraich	Design of a novel pneumothorax puncture device	2013-2014
37	Drukumar Patel	Design of a novel pneumothorax puncture device	2013-2014
38	Celine Ling	Cell culture for tissue engineering	2014-2015
39	Saransh Jain	Microbioreactors	Summer 2014
40	Matthew Legacy	Tangential flow water purification system	2014-15
41	Masud Naderian	Tangential flow water purification system	2014-15
42	Jonathan Rajasingam	Tangential flow water purification system	2014-15
43	Jinbin Yang	Tangential flow water purification system	2014-15
44	Pranav Sundaram	Distributed microbioreactors	Summer 2015
45	Lance Kavalansky	Microscale protoplast fusion	Summer 2015
46	Nipul Abeytunge	Training tool for Echocardiography	2015-16
47	Andrew Bewsh	Training tool for Echocardiography	2015-16
48	Rashid Zafar	Scanning imaging system	Summer 2016
49	Zoltan Mathias	PDMS 3D printer	Summer 2016
50	Zhi (Ryan) Wang	Folding MEMS	Summer 2016
51	Weizhe (Kevin) Xu	3D printer with electrospinning	2016-17
52	Santiago Flores	3D printer with electrospinning	2016-17
53	Guannan Li	3D printer with electrospinning	2016-17
54	Jonathan Chin	Low cost water filter	2016-17
55	Patrick Gauthier	Low cost water filter	2016-17
56	Mesha Tariq	Low cost water filter	2016-17
57	Atiq Raza	Low cost water filter	2016-17
58	Simon Opalka	Microfabrication for microfluidics	Summer 2017
59	Erin Puersten	3D bioprinting	Summer 2017
60	Michael Vairo	Microfluidic oxygenators	Summer 2017
61	Jiaxin (Capple) Lin	Thread based sensors	Summer 2017
62	Rupeshkumar Mahendran	Mass transfer simulation for oxygenators	Summer 2017
63	Olomi Oluwatomisin	Custom designed plotter	Summer 2017
64	Angela Fan	Drosophila assays	2017-18
65	Faaria Khan	Electrospinning of cell culture substrates	Summer 2018
66	Aarathi Suresh	Bonding of tissues with plastics	Summer 2018
67	Kevin Da	Surface treatment for oxygenators	Summer 2018
68	Jonas Yeung	Wire based pH electrodes	2018-19
69	Sama Nayannakara	Protein separations	Summer 2018
70	Karim Henry	3D foam printing	Summer 2018
71	Anelya Gandy	Neural Bioprinting	2018-19