## **Monica Liu**

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EDUCATION	University of Pittsburgh, Pittsburgh, Pennsylvania, USA	Aug 2016 – Present
	PhD Student in Bioengineering, Neural Engineering University of Virginia, Charlottesville, Virginia, USA	Aug 2011 – May 2015
	Bachelor of Science (B.S.) in Biology	0 3
	Bachelor of Arts (B.A.) in Computer Science	
WORK	Novartis Institue for Biomedical Research, NX Informatics	Sep 2015 – Sep 2016
EXPERIENCE	Data Engineer  • Develop software to support scientific research  • Supervisor: Dr. Nabil Hachem	
	University of Virginia, Center for Diabetes Technology	May 2014 – Jun 2015
	<ul> <li>Undergraduate Research Assistant, Breton Lab</li> <li>Assist in clinical trials and take the data collected to estimate insulin sensitivity</li> <li>Supervisor: Dr. Marc Breton</li> </ul>	
	University of Virginia, Biology	Jun 2014 – May 2015
	<ul> <li>Undergraduate Research Assistant, Siller Lab</li> <li>Developed a MATLAB script to quantify axonal blebbing in fluorescent microscopy images</li> <li>Supervisor: Dr. Karsten Siller</li> </ul>	
	University of Virginia, Biochemistry and Molecular Genetics	Mar 2011 – May 2014
	<ul> <li>Undergraduate Research Assistant, Taylor Lab</li> <li>Research into developing immunotherapies of cancer using flow cytometry to study mechanisms of action of monoclonal antibodies</li> <li>Supervisor: Dr. Ronald Taylor</li> </ul>	
PUBLICATIONS	M.J. Pokrass, M.F. Liu, M.A. Lindorfer, and R.P. Taylor, "Monoclonal Antibodies that Target	
	Cell-associated HLA or β2- microglobulin Exhibit Differential Compleme	ent Activity: Implications
	for Cancer Immunotherapy," <i>Molecular Immunology</i> , vol. 56, no. 4, pp. 54	49–560, Dec 2013.
ACTIVITIES AND	National Science Foundation, Graduate Research Fellowship Award,	Apr 2018
ACTIVITIES AND AWARDS	SciTech Days, University of Pittsburgh	Nov 2016
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