

Eleni Mijalis

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Education

- Texas A&M University, College Station, TX expected graduation: Spring 2016
 - major: biology, B.S. minor: computer science
 - GPA: 3.98

Research Experience

- Student researcher at LSUHSC-Shreveport 6/2011 - present
 - research effects of H2S on leukocyte recruitment in type 1 diabetes
 - work under Dr. Christopher Kevil
- Student researcher in Center for Phage Technology at Texas A&M 8/2015 - present
 - performing bioinformatics research under Dr. Ryland Young

Publications

- SDF-1 CXCR4 differentially regulates autoimmune diabetogenic T cell adhesion through ROBO1-SLIT2 interactions in mice
 - 8/13 issue of *Diabetologia*; second author
- Complete Genome of KPC-Producing *Klebsiella pneumoniae* Myophage Miro
 - Genome Announcements (in press); first author

Achievements

- National Merit Finalist
- Texas A&M President's Endowed Scholarship recipient
- Texas A&M University Honors student
- Poster presenter at American Diabetes Association meeting 6/2012
- National Junior Science and Humanities Symposium 3rd place winner 5/2012
- Siemens competition semifinalist 5/2012
- Dean's list 2013, 2014
- Facebook Hackathon winner in Austin 2/2014
 - won trip to Facebook headquarters for finals 11/2014
- Hackerbowl winner at Texas A&M 3/2014
 - <http://challengepost.com/software/face>
- Geaux Hacks winner at LSU 8/2014
 - <http://challengepost.com/software/sign2line-pofh7>
- PennApps Health winner at University of Pennsylvania 9/2014
 - <http://challengepost.com/software/idleguard>
- Phi Kappa Phi College of Science Outstanding Junior 3/2015
- Thomas S. Gathright Scholar Award recipient 5/2015

Technical Skills

- Tissue culture, parallel plate flow chamber, T cell isolation
- C++, HTML/CSS, Python, JavaScript
- Simple PCI rolling velocity data analysis software, Adobe Flash Professional, Adobe Photoshop

Leadership

- Cofounder and Treasurer of TAMUHack 4/2014 - present
 - plan and throw an annual 350-person hackathon; tamuhack.com
- Bible study leader at Baptist Student Ministry 9/2013 - 11/2014
- Champe-Fitzhugh Honors Leadership Seminar participant 7/2012