

Eleni Mijalis

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🌐 <http://elenimijalis.com>



Education

8/2012 – 8/2016 **B.S. Biology, Minor: Computer Science**, Texas A&M University, College Station, TX, GPA: 3.97.
Honors Fellow, Summa Cum Laude

Research and Work Experience

6/2011 – 8/2015 **Student Researcher**, LSUHSC, Shreveport.

Researched effects of H₂S on leukocyte recruitment in type 1 diabetes under Dr. Christopher Kevil

6/2015 – Present **Programmer II**, Center for Phage Technology, TAMU.

Bioinformatics research on phages and software development supporting researchers with Dr. Ryland Young

Publications

Mijalis EM, Lessor LE, Cahill JL, Rasche ES, Kutty Everett GF. Complete Genome Sequence of *Klebsiella pneumoniae* Carbapenemase-Producing K. pneumoniae Myophage Miro. Genome Announcements. 3(5). 2015. PMID 26430050.

Glawe JD, Mijalis EM, Davis WC. SDF-1-CXCR4 differentially regulates autoimmune diabetogenic T cell adhesion through ROBO1-SLIT2 interactions in mice. Diabetologia. 56(10):2222-30. 2013. PMID 23811810.

Achievements

- 8/2012 – 8/2016 Texas A&M President's Endowed Scholarship recipient
- 6/2012 Poster presenter at American Diabetes Association meeting
- 2/2014 Facebook Hackathon winner in Austin; won trip to Facebook headquarters for finals
- 3/2014 Hackerbowl winner at Texas A&M; <http://devpost.com/software/face>
- 8/2014 Geaux Hacks winner at LSU; <http://devpost.com/software/sign2line-pofh7>
- 9/2014 PennApps Health winner at University of Pennsylvania; <http://devpost.com/software/idleguard>
- 3/2015 Phi Kappa Phi College of Science Outstanding Junior
- 5/2015 Thomas S. Gathright Scholar Award recipient
- 8/2016 Gonfalonier for the College of Science graduation

Shadowing Experience

- 8/2015 Fred Knight, MD; Vascular Surgery, Willis Knighton Medical Center North, 40 hours
- 12/2015, 8/2015 Emile Geneux, DDS; Dentistry, Shreveport Bossier Family Dental Care, 40 hours
- 8/2015, 7/2016 Ghali Ghali, DDS, MD and Jennifer Woerner, DDS, MD; OMFS, Willis Knighton Oral and Maxillofacial Surgery Institute, 20 hours
- 7/2016 John Horan, MD; Emergency Medicine, Willis Knighton Bossier Health Center, 20 hours
- 7/2016 Beth Geneux, MD; OB/GYN, Willis Knighton Pierremont Health Center, 20 hours

Leadership and Community Service

- 4/2015 – 8/2016 Cofounder and Treasurer of TAMUHack, an annual 350+ person hackathon; tamuhack.com
- 8/2015 – 10/2015 Organizer and mentor for the Youth Halloween Half Hackathon, a programming event for children.
- 8/2013 – 11/2014 Bible study leader at Baptist Student Ministry
- 5/2013 – 6/2013 English teacher in inner city Bangkok, Thailand

Technical Skills

Lab	Tissue culture, parallel plate flow chamber, T cell isolation
Programming	Python (Django), HTML/CSS, JavaScript (Angular), C++, L ^A T _E X
Software	Adobe Flash Professional, Adobe Photoshop