

# Gabriel Dayanim

[gabe.dayanim@gmail.com](mailto:gabe.dayanim@gmail.com)

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## ACADEMICS

**University of Maryland, College Park**

*Anticipated graduation date: May 2022*

**GPA: 4.0**

**Gemstone Honors Research Program, Honors College**

Multi-disciplinary 4-year research program where students direct and conduct significant independent research under the guidance of faculty mentors.

**Yeshiva Orayta**

*Graduation date: May 2018*

**Kohelet Yeshiva High School**

*Graduation date: June 2017*

**GPA: 4.0 (4.99 weighted)**

**ACT Score: 35 (35 Writing; 36 Math; 34 Reading; 35 Science)**

## PUBLICATIONS

Pearson-Leary, J., Zhao, C., Bittinger, K., Eacret, D., Luz, S., Vigderman, A., **Dayanim, G.**, Bhatnagar, S. (2019). The gut microbiome regulates the increases in depressive-type behaviors and in inflammatory processes in the ventral hippocampus of stress vulnerable rats. *Molecular Psychiatry*, (20190304). doi:10.1038/s41380-019-0380-x

## WORK EXPERIENCES

**Undergraduate Researcher, Johns Hopkins Center for Music and Medicine**

*2019 – present*

Worked with Dr. Alex Pantelyat on establishing and verifying clinically significant rhythmic and musical therapies for people with Parkinson's Disease and atypical parkinsonian disorders.

**Gift of Life Campus Ambassador**

*2018 - present*

Spread awareness of blood cancers and the need for bone marrow donors. Run fundraisers and drives to add new donors to the Gift of Life Bone Marrow Registry.

**Researcher, Bhatnagar Lab, Children's Hospital of Philadelphia**

*2016-2017*

Worked with a member of the lab to conduct research on the connection between the gut microbiome and stress-related neurological disorders. Refined basic laboratory skills and learned neuroscience and biology research techniques.

**Salesman and phone repair technician, iPartzUSA**

*2014-2016*

Acquired and managed a large national client base, made sales pitches to prospective clients (phone repair stores), prepared order invoices, performed quality control tests, and organized and shipped out customer orders. Welcomed and tended to customers in the physical store and repaired broken phones

## VOLUNTEERING

**Emergency Medical Technician (EMT), College Park Volunteer Fire Department**

*2018-present*

**Adopt-a-Bubby**

*2018-present*

Weekly visits to local nursing homes to perform music and run interactive activities.

**Bnei Akiva – Jewish Educational Youth Group**

*2014-2017*

Create and facilitate interactive educational group programming for 7-8 graders to enrich their appreciation and understand of their culture and community.

## SKILLS

**Languages:** Fluent in Hebrew and proficient in Aramaic

**National Registry Emergency Medical Technician**

**Neuroscience Research Techniques:** Behavioral coding, immunohistochemistry, cryostat brain sectioning, plasma extraction, and care for laboratory animals

## EXTRACURRICULAR ACTIVITIES

<b>Bassist, University of Maryland Repertoire Orchestra</b>	<i>2019 – present</i>
<b>Principal Bassist, Delaware County Youth Orchestra</b> Lead bass section and direct section's weekly practices. Perform tri-annual concerts for the county.	<i>2016-2017</i>
<b>Founding Member and Bassist, Kohelet Jazz Band</b> Regularly perform for school events, galas, and events outside of school.	<i>2014-2017</i>
<b>Columnist, School Newspaper, <i>The Standard</i></b> Regularly write articles on student life, special events, and new programs to foster school spirit.	<i>2016-2017</i>

## HONORS/AWARDS

<b>National Merit Scholarship Program Letter of Commendation</b> Commended for placing in the top 50,000 out of 1.6 million PSAT scorers.	<i>2017</i>
<b>Army Education Outreach Program HSAP Grant (\$3000)</b> To fund my research in the Bhatnagar Lab at the Children's Hospital of Philadelphia.	<i>2016</i>
<b>Kohelet Yeshiva High School STEM Achievement Award (\$5000)</b> Scholarship for excellency and immersion in STEM subjects and research.	<i>2017</i>
<b>University of Pennsylvania Book Award</b> For academic and character merit.	<i>2016</i>
<b>National Honors Society</b>	<i>2015-2017</i>