

# **GRADUATE STUDENT PANEL**

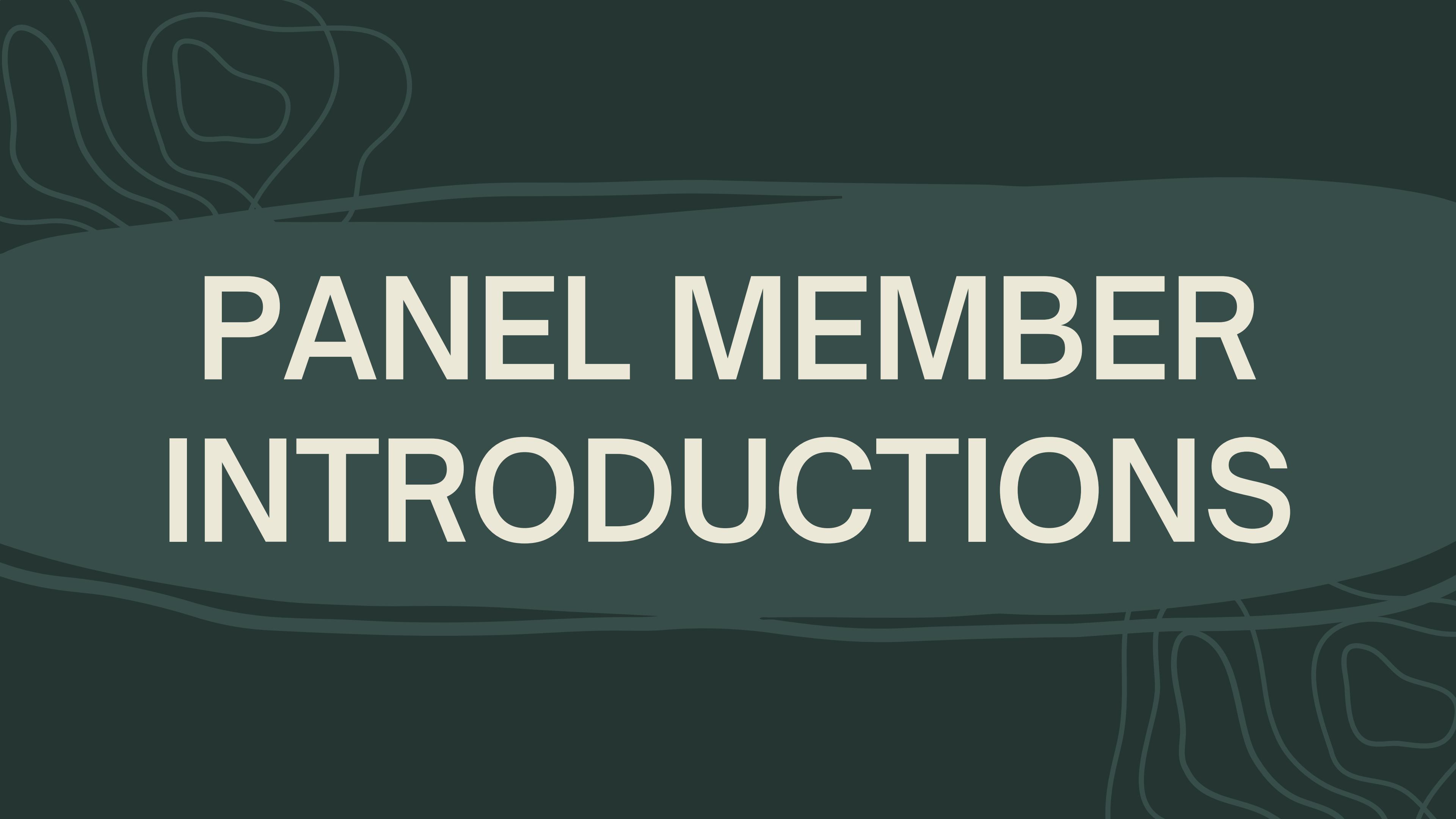
Biology Undergraduate Research Club





# AGENDA:

- Grad student panel introductions & presentations
- Graduate school FAQs
- Open floor for questions
- Talk to our panel 1-on-1!



# PANEL MEMBER INTRODUCTIONS

# ALEXI PANAGIOTOU

(HE/HIM)  
MASTER'S STUDENT



## ***Undergraduate Education:***

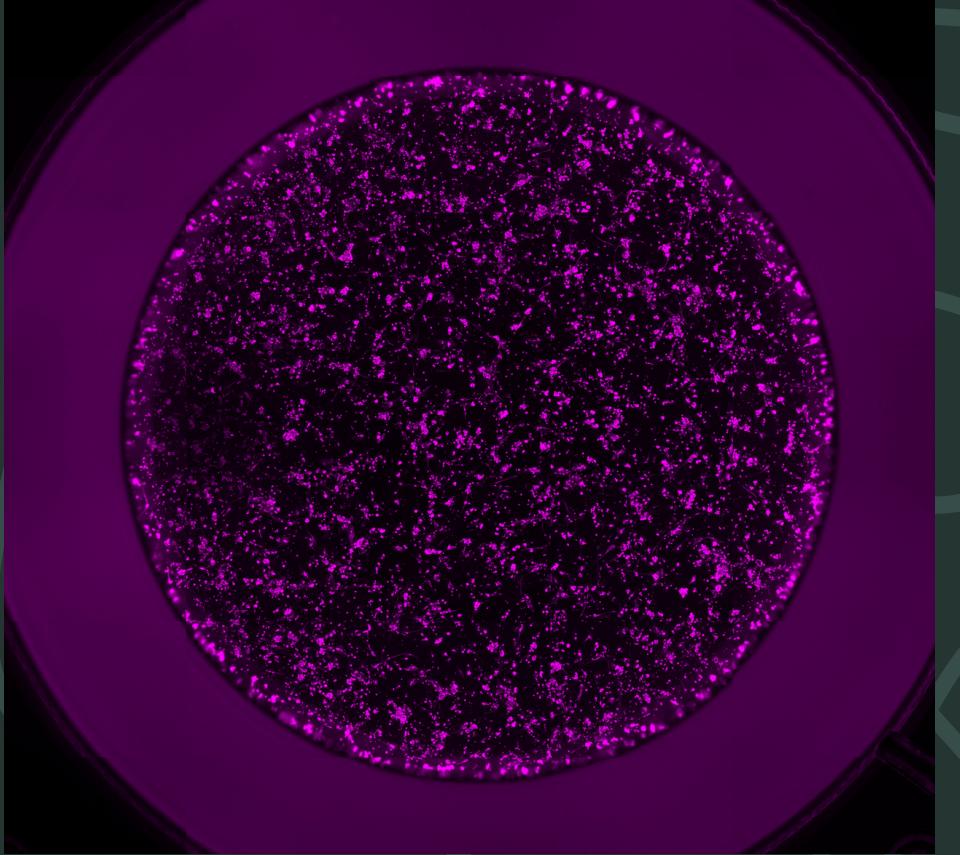
- UMass Amherst
- B.S in Biology

## ***Graduate Education:***

- Accelerated Master's (4+1)
- Molecular and Cellular Biology Program
- Peyton Lab

## ***Research Project:***

- Breast to brain metastasis
  - Effect of breast cancer metastasis on the blood brain barrier



# ORI ATTRIDGE

(SHE/HER)  
PHD STUDENT AT UMASS



## ***Undergraduate Education:***

- Regis College
- 2022 Graduate
- B.S. in Biology

## ***Graduate Education:***

- PhD Student
- Animal Biotechnology and Biomedical Sciences Program
- Telfer Lab (Vet and Animal Sciences)

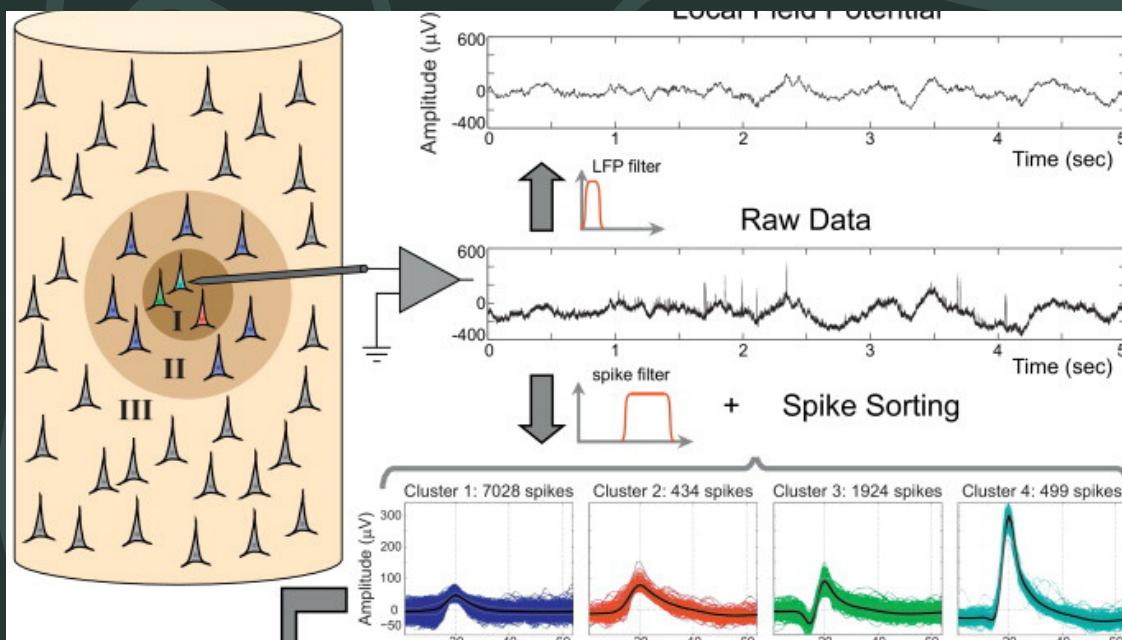
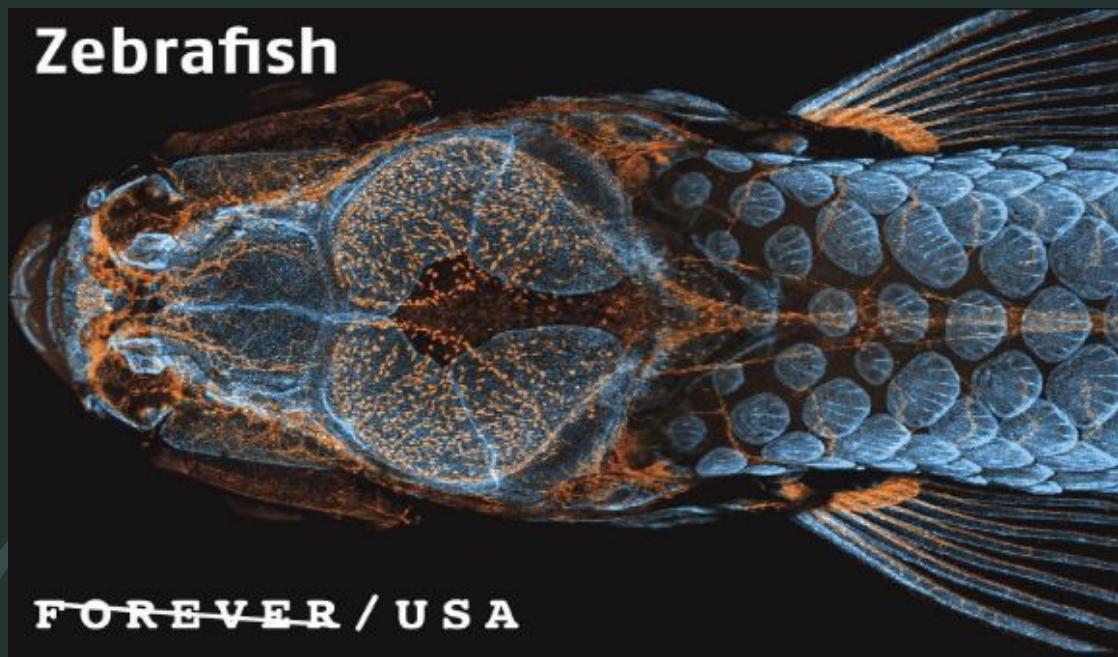


## ***Current Project:***

- Studying  $\gamma\delta$  T Cells and their SRCR pattern recognition receptors in immune response for future vaccine configurations against zoonotic pathogens

# LIZ BEECH

(SHE/THEY)  
PHD STUDENT AT UMASS



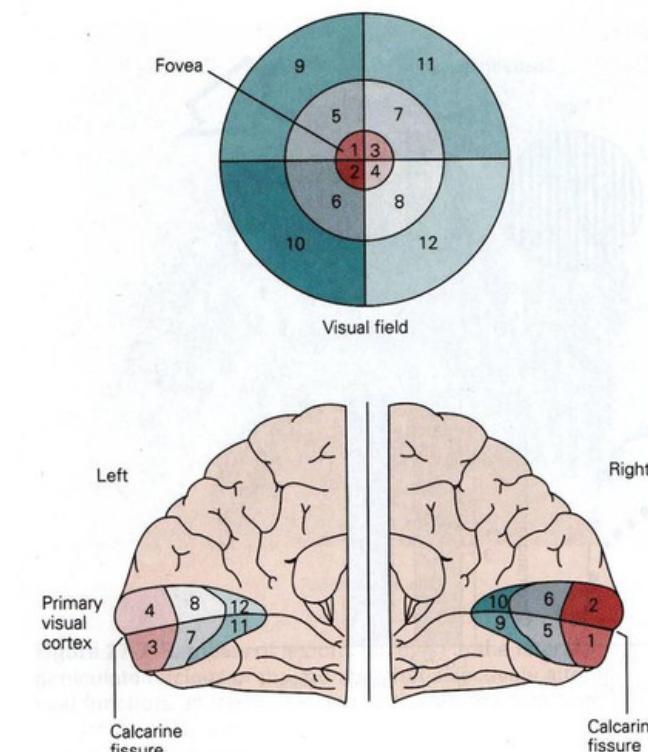
## *Undergraduate Education:*

- University of Kansas
- B.S in Biology
  - emphasis in neuroscience

## *Graduate Education:*

- Neuroscience and Behavior PhD program
- Downes Lab

retinotopic map in V1



KSJ, Fig 27-9

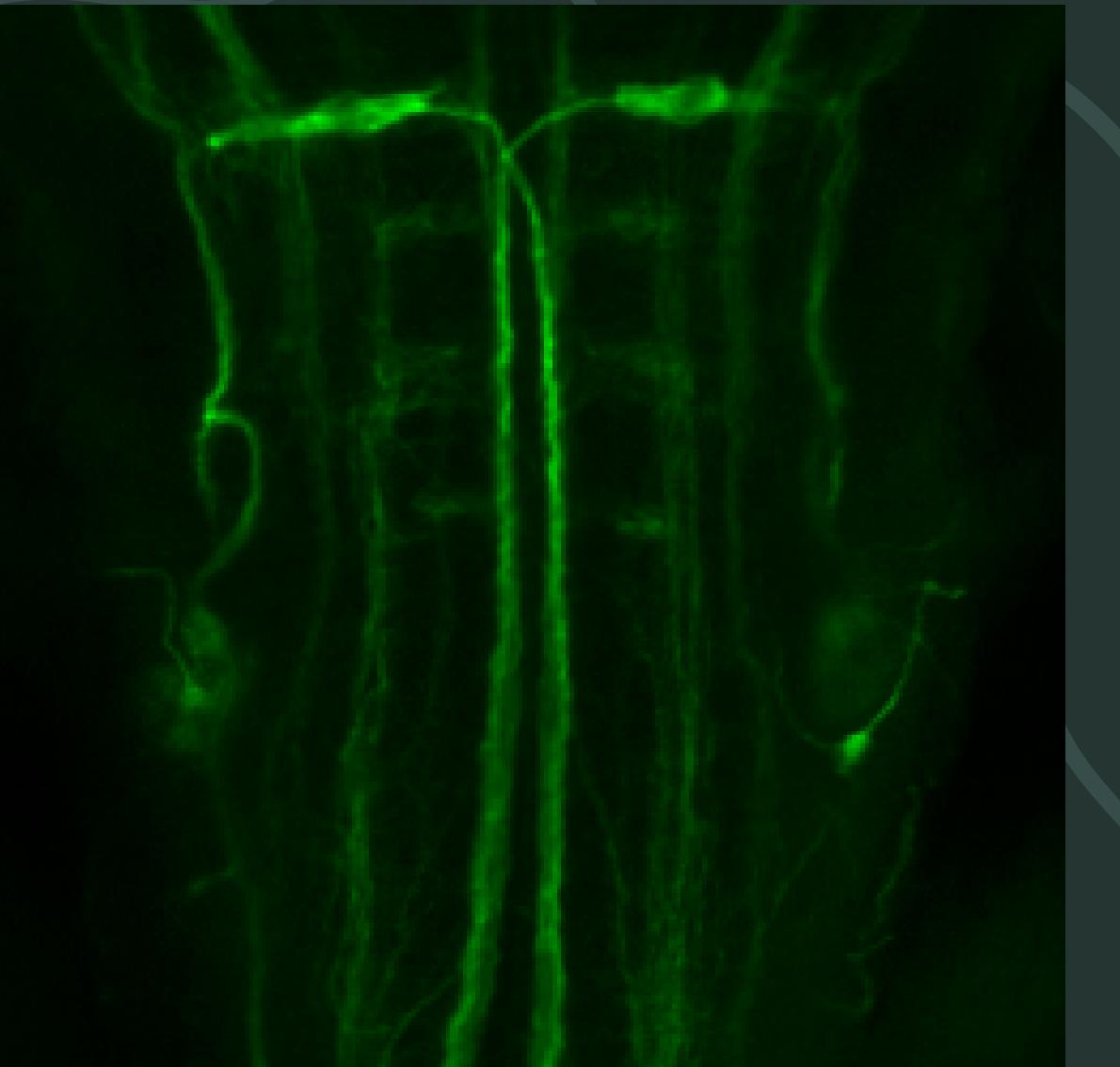
## *Research Interest:*

- Zebrafish neurodevelopment and modeling disorders, circuits and behavior

# MADISON RIFFE

(SHE/HER)

PHD CANDIDATE AT UMASS



## ***Undergraduate Education:***

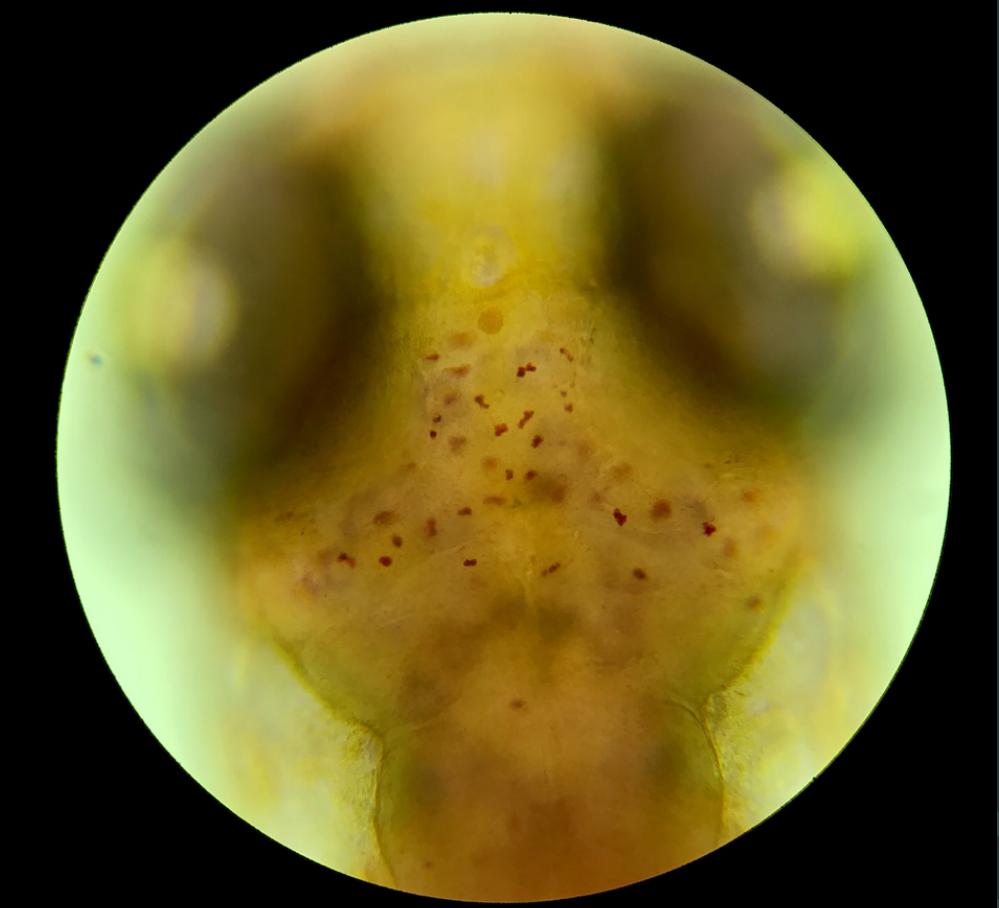
- West Virginia University
- 2019 graduate
- B.S. in Biology
  - minor in psychology

## ***Graduate Education:***

- 5th year PhD Candidate
- Neuroscience and Behavior program
- Downes Lab

## ***Research Interest:***

- Neurogenetics and Rare Diseases



# LYDIA PROSKAUER

(SHE/HER)

PHD STUDENT AT UMASS

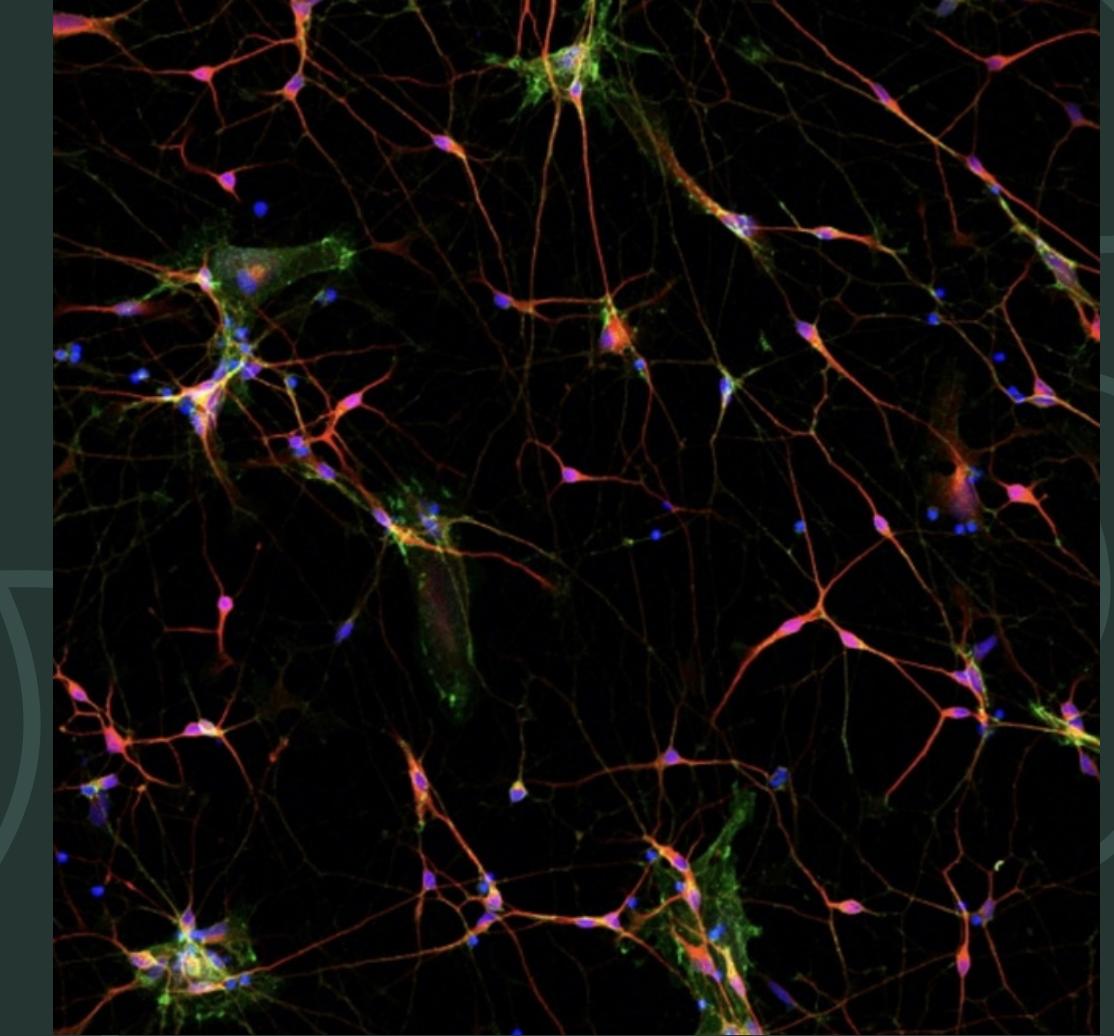


## ***Undergraduate Education:***

- Colgate University
- Molecular Biology Major
  - minor in environmental studies

## ***Graduate Education:***

- PhD Student
- Molecular and Cellular Biology program
- ChangHui Pak Lab (biochemistry)



## ***Current Project:***

- studying genetic and mechanistic drivers of neurodevelopmental disorders using stem cells (ESCs and iPSCs)

# BEATRIZ MARTINEZ-MARTIN

(SHE/HER)  
PHD STUDENT AT UMASS

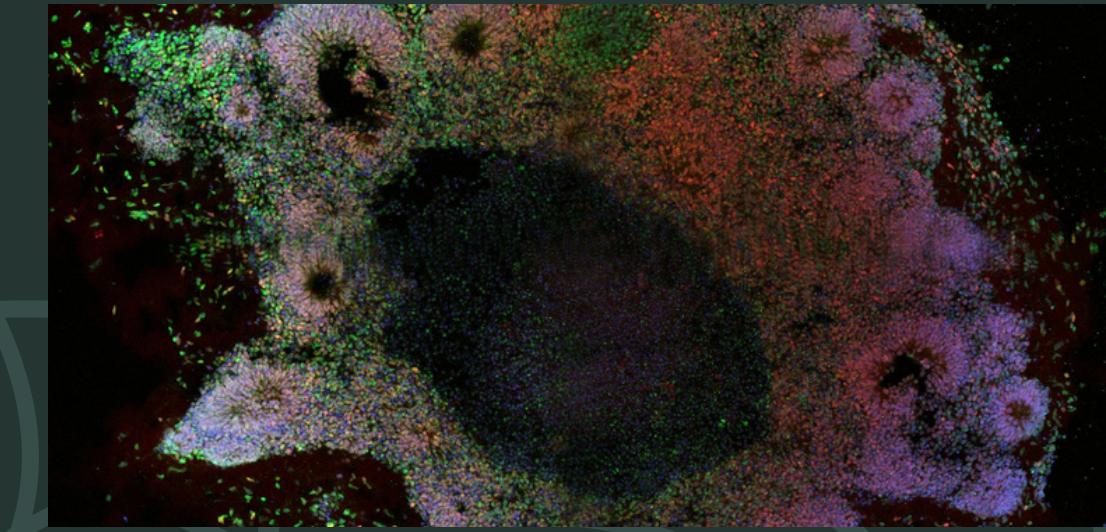


## ***Undergraduate Education:***

- University of San Diego
- 2022 Graduate
- Biology and Business Administration Major
  - minor in chemistry

## ***Current Project:***

- engineering devices to grow brain organoids



## ***Graduate Education:***

- PhD Student
- Molecular and Cellular Biology program
- **ChangHui Pak Lab** (biochemistry)
- **Yubing Sun Lab** (mechanical engineering)

# FREQUENTLY ASKED QUESTIONS

(Based on RSVP forms)



**What are common  
misconceptions  
about grad school?**

**What is the  
application  
process/timeline?**

**What does an  
average day look  
like?**

**How do I know if  
grad school is right  
for me?**

How do I pay for  
grad school? How  
does funding work  
for PhDs?

**ANY OTHER  
QUESTIONS?**

Open Conversation



Feel free to  
chat with us!

@umassburc

[bit.ly/UMassBURC](http://bit.ly/UMassBURC)