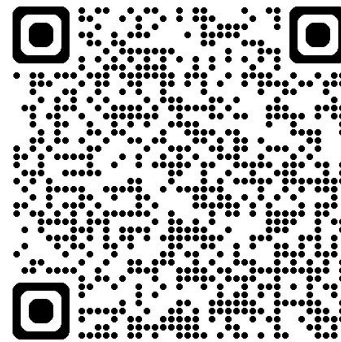
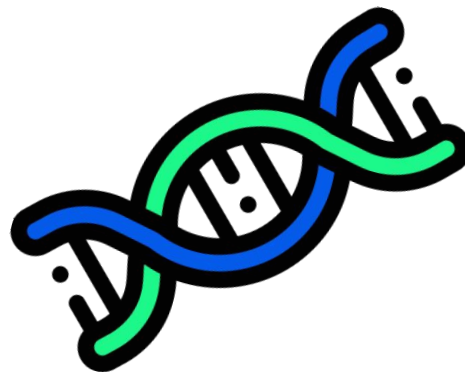


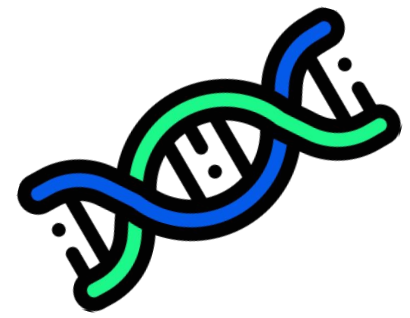
Sign in
here:



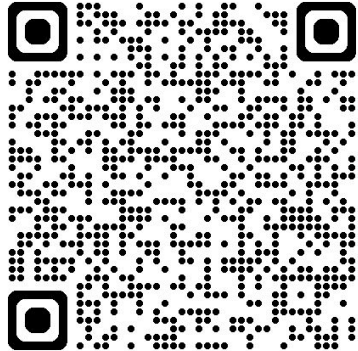
**GBM #3: How to
Get a Research
Position**



DIYbio Outreach Opportunity!



Volunteers Needed:



Use ASU email!

**October 15th,
8am at Holdeman
Elementary**



General Research Terms

- **Curriculum Vitae (CV) vs Resume:**
 - A **CV** is a resume for the academic world, often containing detailed information on projects, awards, and publications. Usually at least 2 pages long.
 - A **resume** is more specific and will usually be tailored to whatever job you're currently apply for. Usually only 1 page long.
- **Principal Investigator (PI):** The leading figure on a research project - usually the professor running a lab group.
- **PhD Student vs. PhD Candidate:** PhD Candidates have passed a test that is usually administered a couple of years into their program.
- **Symposium:** PhDs/Profs. talk about their research; a great place to network and learn more about a specific scientific field.

Why is undergraduate research important or useful for me?

- Gain experience and skills that you can use to get jobs and apply for **graduate school/medical school**, etc.
- **Network** with professionals in academia
- One-on-one **mentorship** from a professor and/or graduate student
- Get involved in a **community** outside of your classes or dorms
- Develop **critical thinking** and **problem-solving skills**
- **Do something meaningful and interesting!**

STEP 1: Figuring Out Your Interests

- If you're part of DIYbio, there's a good chance you're interested in concepts like **synthetic biology**, **genetic engineering**, and **biotechnology**.
- Scroll through the [ASU News feed](#), ASU research social media accounts, or symposium calendars to get a grasp on the kinds of research that is popular and funded here.
- Do a survey of your skills - Can you code? Did you learn any particular lab techniques in high school or freshman year labs? Are you good at writing?
- Hone in on a particular field of interest (virology, anatomy, satellite communications, etc.) and do a Wikipedia or Google Scholar search on the state of that field at this point in time.

STEP 2: Finding a Professor

- Here are a few search tools you can use to find a professor researching your topic of interest:
 - [ASU iSearch](#)
 - SOLUR Program/SOLS [expertise search tool](#).
 - ASU Department Websites (e.g. [SMS](#), [SOLS](#), [SBHSE](#))
- Don't restrict yourself to professors in your specific school/program!

STEP 3: Making Your Resume

- It's okay if you don't have much to put on it yet!
- There is no one right way to make a resume and there are tons of examples available so do your research if you are unsure
 - [ASU Career Center \(asu.edu\)](https://www.asu.edu/careercenter)
- Some general things you should include are: School, Major, Graduation Date, Work/Volunteer Experience, Scholarships or Awards

STEP 3.5: Before the Email

- Look at the lab website or ASU department website to see if they are actively searching for research assistants.
 - It might give instructions for how to apply
- Explore the lab website and read recent publications
 - You will probably not understand everything but that's okay!

Join our team!

The lab welcomes motivated students to work in various aspects.

Please see: [Undergraduate Research Application](#).

For graduate opportunities, please [contact](#).

To see more fun and past accomplishments of our team:

@verpeutlab on Instagram

An innate immune response to adeno-associated virus genomes decreases cortical dendritic complexity and disrupts synaptic transmission

Christos M. Suriano,^{1,2,3,4} Neerav Kumar,² Jessica L. Verpeut,^{1,5} Jie Ma,^{1,2} Caroline Jung,¹ Connor E. Dunn,² Brigett V. Carvajal,¹ Ai Vy Nguyen,¹ and Lisa M. Boulanger^{1,2}

¹Princeton Neuroscience Institute, Princeton University, Washington Road, Princeton, NJ 08540, USA; ²Department of Molecular Biology, Princeton University, Washington Road, Princeton, NJ 08540, USA; ³Department of Biology, Montclair State University, 1 Normal Avenue, Montclair, NJ 07043, USA; ⁴Sokol Institute for Pharmaceutical Life Sciences, Montclair State University, 1 Normal Avenue, Montclair, NJ 07043, USA

STEP 4: Emailing the Professor

- Attach your resume or CV
- Avoid the most **common mistakes**:
 - Sending the email from an unprofessional email address
 - Sending the same email to everyone
 - Saying “I am interested in your research” without providing details or further context.
 - Not providing details about your projected level of commitment and desired start date.
- If you do not already know the professor and are cold emailing them, your **response rate will be low**. You can raise it by avoiding the above mentioned mistakes and being sure to craft an email that is **genuine, specific, and clear**.
 - Be persistent, and do not be discouraged by a low response rate - professors are busy and no response doesn't reflect on your qualification to be in a lab!

STEP 5: The Meeting/Interview

- Be ready to talk about everything on your CV and in your outreach email.
- Have a good “why” for your reasoning to want to do research:
 - You should know why you want to join this lab over all of the other research spaces at ASU!
 - **Barrett students**: be thinking about your senior thesis, even if you’re a freshman or sophomore!
- Ask questions!
 - Get an idea of what exact projects the lab is working on at the moment
 - Learn what the PI expects from you, and **what your day-to-day tasks will look like.**
 - Ask who you’ll be paired with (a PhD student/candidate, a postdoctoral researcher, another undergrad, etc.)

Other Potential Programs of Interest:

- NSF Research Experience for Undergraduates (REU)
- Barrett Honors Thesis/Research Roundup Newsletter
- ASU FURI/SURI Program
- Grand Challenges Scholars Program
- ASU SOLUR Program
- ASU WINURE Program
- ASU iGEM 😊
- Course-based Undergraduate Research Experiences
 - Phage Hunters (Susanne Pfeifer)
 - Genomics Research Experience (Melissa Wilson)

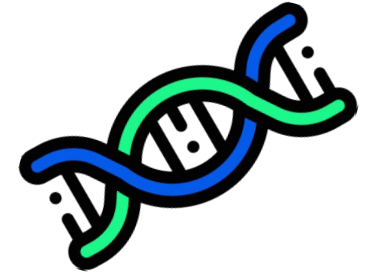
This is just a general guideline, but there are many many ways to get involved in research on/off campus!

Story time!

Questions? Comments? Thoughts?



Connect with us!



Join Our Discord Server:



Next **Open Lab** Mon,
September 16th
(please RSVP)

Next **General Body Meeting** Wed,
September 18th