

# Summer Opportunities Workshop

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# ABOUT



- Help students find research and grow in research
- Enhance the research experience through events/workshops and office hours
- Encourage research for anyone and everyone



# PRESENTERS



**Christy Daniel**



**Manav Jain**



**Andy Jiang**



**Carys Thompson**





# PURA

President's Undergraduate Research Awards

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# RESEARCH AT GEORGIA TECH

PURA, URSA, GTRI, SURE



# PURA and URSA: Research Proposal Funding

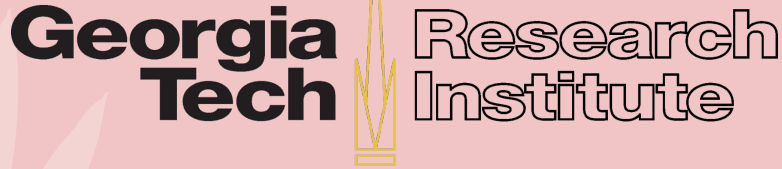
## President's Undergraduate Research Awards (PURA)

- Research under GT faculty member or GTRI scientist
- GPA >2.0
- \$1,500 stipend
- Application
  - 2 pages research proposal + faculty rec letter
- **DEADLINE: Feb 25, 2022**

## Undergraduate Research Science Awards (URSA)

- Research with GT faculty
- Student must be College of Sciences major
- GPA >2.0
- \$1,500 stipend
- Application
  - 1 page research proposal + faculty rec letter
- **DEADLINE: Mar 1, 2022**

# Georgia Tech Research Institute Internships



## GTRI Student Positions

- HQ in Atlanta, >20 other locations
- US Citizenship required for majority
- Internships, Co-ops, and Student Assistants
  - Science, Technology, Engineering
- GPA
  - >2.0 Internship
  - >3.0 Co-op
- DEADLINE: varies by position
  - Spring 2022 positions currently posted (deadlines Nov-Dec), Summer not yet posted

# Summer Undergraduate Research in Engineering/Sciences (SURE)



- **Background**
  - 10 weeks program seeking to increase students who are traditionally underrepresented in STEM fields
  - \$6,000 stipend, on-campus housing provided
- **Requirements**
  - Rising juniors & seniors
  - US Citizen or permanent resident
  - GPA >2.75
- **Application**
  - Transcript, statement of interest, 1 LoR
- **DEADLINE: around March 2022**



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**REUs AND R&D  
INTERNSHIPS**





# Research Experience for Undergraduates (REUs)

## Description:

- Research experience program at a university for the summer
- Usually ~6-10 weeks
- Usually will pay around \$4,000-6,000 (amounts to be about ~\$8-10/hr)
  - Will cover housing and put you in their dorms
- Normally around 10 students in each program
- Will end with a poster presentation

## Tips for Applying:

- Apply to around 15 programs (they are fairly competitive!)
- Some programs are specifically looking for students who are well versed in research and others are looking specifically for students who don't have any
  - Try to figure out based on websites and what is asked of you in application



# R&D Internships

- Found at most companies with large R&D operations
- Search Depends on Industry
  - Tech
  - Biotech and Pharma
  - Automotive
  - Defense
- Examples that invest heavily in research
  - Samsung
  - J&J
  - Ford
  - Roche
  - Alphabet
  - Cisco

**And many more! Search for opportunities here:**

**<https://www.nsf.gov/crssprgm/reu/>**

# Searching for Opportunities

- Directly at company website
- Career Buzz and campus visits
- Personal Connections
- Job matching resources
  - LinkedIn
  - Ripple Match
  - Indeed
  - Glassdoor
  - Etc.



# Examples of Programs

- J&J - 2022 R&D Summer Internship Program
- Novartis - A summer of Science
- Vertex - Summer Internship R&D
- UPS - R&D Mechanical engineering intern
- Unilever - R&D Internship Summer 2022
- Campbells - R&D Intern
- P&G - R&D Engineer Intern
- Thermo Fisher - Bioinformatics Intern
- Nokia - Software R&D Intern





**03**

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**RESEARCH  
GLOBALLY**



# AMGEN Scholars

## Program Description:

Hands-on research experience for eight to 10 weeks at many of the world's leading educational institutions. ~ approximately 200 Amgen Scholars in the U.S.

## Application Components:

- Official transcript
- A letter of recommendation
- A personal statement

## Eligibility:

- U.S. citizens or U.S. permanent residents;
- Sophomores, juniors or non-graduating seniors
- U.S. Program applicants must also have:
  - A cumulative grade point average of 3.2 or above; and
  - An interest in pursuing a Ph.D. or M.D.-Ph.D.

# Germany

## CBYX

Young Professionals is a yearlong fellowship for Americans and Germans

No language requirements. The program includes two months of intensive language training upon your arrival in Germany

Applicants should also have a strong interest in Germany and world affairs.

Resume

Official transcript showing at least the last four semesters of study

Two letters of recommendation

**DEADLINE:** November 1, 2022 for 2023-24 program year

## DAAD Rise

Summer research internships in Germany for undergraduate students

German language skills are not required for most positions but would be helpful to manage everyday life outside of the laboratory

An undergraduate who will have completed at least 2 years of a degree program

The application is submitted completely online through the RISE database

**DEADLINE:** December 15th



# Switzerland

## ThinkSwiss

Scheduled between May and December of accepted year

Given a lump sum per month, but not enough to cover an average living

Completed sophomore year by start of research in Switzerland

A letter of motivation and basic research project outline

Confirmation from a Swiss research group (public university or public research institution) that will host you

Deadline **January 15, 2022**

## Summer @ EPFL

École Polytechnique Fédérale de Lausanne

Opportunities in Engineering, Life Sciences and Computer Science- all involve finding a research group

Engineering (E3) highly selective:

- top 10% of GPA
- plan to pursue PhD

LS has a limit of 25 but covers more accommodations than the other two

Next CS Deadline **Nov 28th, 2021**

LS applications to open mid-November





# Other Resources

Office of International Education

Global Research and Internship  
Program (GRIP)

Georgia Tech Lorraine

GoinGlobal

CulturalVistas

**MORE INFO:** <http://www.undergradresearch.gatech.edu/international-opportunities>



**04**

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**ALTERNATIVES TO  
RESEARCH**



## Improve Skills

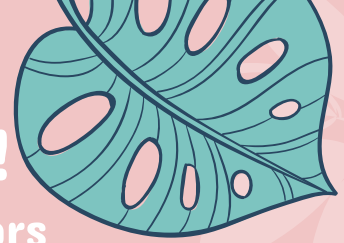
- Read research papers
- Learn coding or data quantification
- Take classes relevant to research interests

## Connect with Professors

- Apply to tutor or TA
- Ask to research remotely

# Need help? Schedule URA office hours!

UROP.GATECH.EDU → Undergraduate Research Ambassadors



## Contacting Labs

- Finding opportunities
- Writing emails and applications to labs

## Writing

- Research proposals/grants
- Academic papers





## Raffle Time!

Fill out the feedback survey for a chance to win a prize at the end of the event. Enter your name to the wheel when you're done!



# THANKS FOR COMING!



Georgia Tech Undergraduate Research  
Ambassadors



@gt\_ura



UROP.GATECH.EDU → Undergraduate  
Research Ambassadors