



UConn IDEA Grant
imagine / develop / engage / apply

UConn IDEA GRANT RECIPIENTS FALL 2021 - COHORT 18

Congratulations to the seven students who have been awarded UConn IDEA Grants to support summer 2022 projects.

Varsha Irvathraya '23, Molecular and Cell Biology, CLAS

Exploring the Role of Kctd6 in Regulating the Shh Signaling Pathway

Mentor: Rahul Kanadia, Physiology and Neurobiology

Varsha will explore the pathways involved in limb development, with a focus on the role of Kctd6 in the Hh signaling pathway. Varsha will analyze the effect of simultaneous Kctd6 and Shh expression on Gli1 expression and identify proteins interacting with Kctd6 in the Hh pathway.

Sarah Marze '23, Music, SFA

Let Us Sing: Contemporary Art Songs for Young Singers

Mentor: Kenneth Fuchs, Music

In this project, Sarah will research the connection between music composition and vocal pedagogy by composing a book of six art songs for young singers. In order to test her compositions in the field, Sarah will conduct a collaborative workshop with two high school voice students and their teachers.

Jasmine Morris '23, Animal Science, CAHNR

Promoting Positive Mental Well-Being Among Adolescent Girls of Color Through Engagement in Animal Care Training

Mentor: Tamika La Salle, Educational Psychology

Using an animal care framework, Jasmine will develop and implement a program that promotes positive mental health and self-care among adolescent girls of color. This program will be tailored to Black and Latinx students participating in the Horizons Program at The Ethel Walker School.

Brian Hance '23, Computer Science and Engineering, ENG

Massyl Mallem '23, Chemical Engineering, ENG

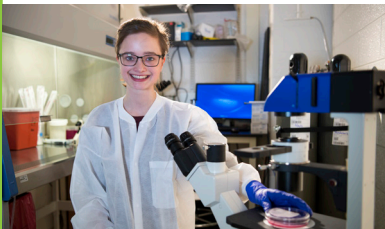
Arav Parikh '25, Computer Science, ENG

Jake Winter '23, Mechanical Engineering, ENG

PatentPlus Artificial Intelligence Product Development

Mentor: Shiri Dori-Hacohen, Computer Science and Engineering

PatentPlus is an artificial intelligence startup focused on making the patent searching process faster, more accurate, and more user-friendly. The group has created multiple proofs of concept and now are planning a full buildout of their first MVP (minimum viable product) for a go-to-market launch in August 2022.



UConn
ENRICHMENT PROGRAMS
OFFICE OF
UNDERGRADUATE RESEARCH

Funding for **original, creative, innovative**, student-designed projects including artistic endeavors, community service initiatives, research projects, entrepreneurial ventures and prototyping.

ugradresearch.uconn.edu/IDEA