



Cornell University
Graduate School

Summer Research Internships for Undergraduates at Cornell University: Video

Transcription

[Music]

Claudia Mimoso: You learn in high school biology that you get half your DNA from mom and half your DNA from dad, except that's not the end of the story.

Rikley Buckingham: My research is on Saturn's B ring.

Ana Sofia de Olazarra: We are researching spin-orbit torques to optimize magnetic devices.

Jevan Carter: As the laser hits the particles inside the sample, it scatters.

Kelly Rosch: I'm studying some proteins that might be involved in tumor growth.

Alaa Farghli: We're actually looking at a model called heat shock response.

Shina Okunoye: Everybody is engaged so they let me engage with what they are doing.

Alaa Farghli: I've made a lot of friends here in the lab.

Claudia Mimoso: For me the most exciting part of the summer is really getting to know my other fellow scholars.

Alaa Farghli: We're all here because we love to do science, we all love to talk about science, and it's been great experience just to see what their endeavors are.

Claudia Mimoso: We're all on this journey together, everyone's path is different.

Alaa Farghli: I'm the first one going to high school at the very least in my mom's side and the first one going to college on my dad's side.

Kelly Rosch: I have so many interests and I didn't know which one to choose and then I started working in this lab and it became pretty clear to me that this is what I like.

Alaa Farghli: Everyone is really, really trying to make a difference and everyone's really excited to be here this summer.

Ana Sofia de Olazarra: Just the opportunity to actually apply the knowledge that I've been learning in school to physical research has been really cool to me.

Claudia Mimoso: I've absolutely loved it. The opportunities that they provide for us so that we can spend the time to do research and to perfect our skills.

Kelly Rosch: Everything that I've done here I've been doing for the first time. I've learned how to clone DNA, I've learned how to insert that DNA into other cells, and harvest proteins.

Rikley Buckingham: In the little space science building there's people heavily involved with Mars rover missions, the Cassini missions, extrasolar galaxies, and exoplanets and it's really amazing to be able to talk to these people.

Claudia Mimoso: At Cornell there's so many people here who want to help you.

Shina Okunoye: They are very helpful. Actually, like, they let me do everything. You just try and then if it doesn't work, we're gonna help you.

Kelly Rosch: A lot of my professors in the past, they would check in on you periodically but you generally wouldn't see them unless you sought them out. Dr. Lynne comes to the lab every day and, just to chat with people and see how they're doing and answer any questions.

Jevan Carter: The professor I'm working with, he's a fun person to work with but what I like about what he does, he actually gives me the opportunity to go do research.

Claudia Mimoso: Every week, we have lab meeting and journal club was where we discuss a paper in the field together. It's amazing to see this collaborative network and how they purely care about helping one another and doing very good science.

Ana Sofia de Olazarra: I had no idea that I would ever be interested in nanotechnology or even had the capacity to understand it in any way but this summer has really taught me a lot.

Alaa Farghli: Aside from the research and the academia here, there's a social life here, there's, there's things to do.

Ana Sofia de Olazarra: I couldn't think of a much better place to spend the summers, I mean Ithaca's amazing. Every single weekend there's a new waterfall or gorge to explore.

Alaa Farghli: You've heard 'Ithaca is gorges,' right?

Ana Sofia de Olazarra: It's just a beautiful place.

Kelly Rosch: I remember driving onto the campus for the first time and realizing that I am here at Cornell, it was very cool.

Shina Okunoye: Maybe before I leave, I'll try and ask them if they see a chance to come back next summer because it's amazing.

[Music]