

PHIIRE 2025

| Audio | Video |
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| <p>[Ifeoluwa] PHIIRE stands for Pathogen Host Interactions and Immunology Research and Education. It's an eight week</p> | <p>Female college student (Melanie) discussing data chart with graduate student (Ife)</p> |
| <p>summer research program that allows undergrads to intern in the Department of Microbiology and Immunology,</p> | <p>Students in front of posters presenting their research</p> |
| <p>where they work in N.I.H. funded laboratories with renowned faculty members. For this year, there are eight undergrad students participating in the program. The department hosts</p> | <p>Melanie pipetting and preparing vials</p> |
| <p>this summer internship, so that undergrads that are interested in pursuing research,</p> | <p>Undergrad describing his research while pointing at his poster</p> |
| <p>or going to graduate school and medical school are able to experience what it takes to do research. And because this helps them in the long run, to understand what it is</p> | <p>Ife addressing camera Text: Ifeoluwa Ogungbemi Graduate Student, Microbiology and Immunology</p> |
| <p>to be in graduate school. And for those also thinking of doing the M.D./P.H.D. program, that gives them an avenue to understand the basic science behind research.</p> | <p>Melanie concentrating as she pipe liquid into vials</p> |
| <p>[Melanie] I wanted to participate in the PHIIRE program because I am a pre-medical student who is hoping to get into medical school after I finish my undergraduate.</p> | <p>Melanie addressing camera</p> |
| <p>And I knew that this program would help me get research experience that would become applicable later when I am in medical school. I love the program. It has taught me so much. It has really helped me learn how to think like a researcher and how to run experiments, and what processes you do and what questions you need to ask.</p> | <p>Montage of Melanie working in lab, doing various experiments and discussing research techniques with Ife.</p> |

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| It also is helping me get great connections throughout the school and with my mentor and a lot of advice | Melanie addressing camera |
| from other students and from the teachers and staff. [Ifeoluwa] The PHIIRE program is a wonderful program. | Melanie removing vial from spinner and checking it for consistency |
| It allows undergrads that are interested in doing research, to be able to understand what it is, what it takes to be able to do research in graduate school, and also for the graduate students who will probably be working with the students, it allows them to be able to | Montage of PHIIRE students in front of their posters, presenting their research |
| hone their mentorship skills, for those thinking of becoming a P.I. in the near future. | Ife talking on camera |
| [Melanie] It has been such an amazing experience. The team that you meet and the people that you get to work with, it's so much fun. But, it's also so educational and so helpful. | Melanie in lab loading a machine and recording data |
| And it will absolutely help you meet whatever goals you have in mind. | Melanie presenting her research poster |