Graduate students investigate the inner workings of well-known infections to prevent the next pandemic.

Graduate students are currently working on a variety of research projects aimed at understanding the mechanisms of infectious diseases. Their goal is to develop novel strategies to prevent the next pandemic, which could have significant implications for public health and global wellbeing.

The students are studying a range of viruses, including COVID-19, as well as bacterial and parasitic infections. Their research involves using advanced techniques such as genomics, proteomics, and computational modeling to identify key factors that drive disease transmission and progression.

By gaining a deeper understanding of these processes, the students hope to identify new targets for drug development and vaccination strategies. This work could lead to the creation of more effective and targeted treatments for infectious diseases, potentially saving countless lives in the future.

The graduate students have already made significant contributions to the field. Their findings have been published in leading scientific journals and have been recognized with several awards and honors. The group continues to collaborate with researchers worldwide, sharing their data and expertise to advance the understanding of infectious diseases and develop new strategies for their prevention.

While the graduate students are working on this important research, they are also facing the challenges posed by the current COVID-19 pandemic. To support their work, UC Santa Barbara is providing all of their regular services via email and Zoom calls. The Graduate Division and the Graduate Student Resource Center are working hard to assist them in this difficult period.

Friends,

We are all in the midst of an incredibly challenging time in the global response to the COVID-19 virus. In an effort to minimize the risk of exposure in the Santa Barbara community, UC Santa Barbara is offering only remote instruction for Spring Quarter. Additionally, all on-campus research has been shut down. This is obviously having a large impact on our graduate student community and we want to make sure you know what support is available to you.

We have created a set of FAQs that resides on the GradPost and that we are managing your preferences.

If you have any questions, please contact John Lofthus at john.lofthus@ucsb.edu or any of the graduate program advisors.

Sincerely,

Patricia Harrison Ph.D. '99
Director of World Learning's International Professional Seminars

Anne and Michael Towbes Graduate Dean

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