Student Spotlight
Spring & Summer 2017

Ashley Cross of the Goldberg laboratory was awarded the CF@LANTA Research Development Plan Predoctoral Research Fellowship, part of The Emory+Children’s Cystic Fibrosis (CF) Center of Excellence, becoming a 2017 Research Fellow. This fellowship is supported by the Cystic Fibrosis Foundation.

You can learn more about the overview and strategic plan of the CF@LANTA RDP Center here: http://www.pedsresearch.org/research /centers/extramurally-funded-programs/cflanta-rdp-center/overview /#tab=tab01.

Jon Moller of the Read laboratory was awarded a Graduate Research Fellowship Program (GRFP) fellowship through the National Science Foundation (NSF). The three year fellowship was awarded to just 2,000 of the 13,000 applicants. In addition to financial support, it includes opportunities for both internships in federal agencies (Graduate Research Internship Program - GRIP) and research abroad (Graduate Research Opportunities Worldwide - GROW). Jon says, “With Dr. Read (Department of Medicine/Division of Infectious Diseases), I will study lytic phage resistance and host range in Staphylococcus aureus from population genetic, ecological, and evolutionary perspectives. The practical aim of the project is to advance phage cocktails, which are mixtures of lytic phage, as broad-spectrum treatments for S. aureus infections.”

Jessica Trost of the Steinhauer laboratory presented a poster titled "Identification of influenza HA stem region residues that trigger membrane fusion activity and alter HA stability" at the 10th Annual Centers of Excellence for Influenza Research and Surveillance (CEIRS) Networking Meeting held here in Atlanta, Georgia this summer. CEIRS is a program of the National Institute of Allergy and Infectious Diseases.

To learn more about CEIRS visit: http://www.niaidceirs.org/
American Society of Virology Annual Meeting

The MMG Program was well represented at the ASV meeting in Madison, Wisconsin this summer. Six students attended, five gave talks, and four were supported through travel awards. It was a great networking and learning experience. The students' talk titles are below as well as a picture of the group.

"Infection and Replication of Influenza Virus at the Ocular Surface"

Hannah Creager
Tumpey Lab

"Pregnancy enhances H1N1 influenza viral pathogenesis and reduces efficacy of long term antibody response"

Elizabeth Littauer
Compans Lab

"Seasonal H3N2 and 2009 Pandemic H1N1 Influenza A Viruses Have High Intrinsic Potential for Reassortment"

Kara Phipps
Lowen Lab

"Engineered Reoviruses Have Enhanced Oncolytic Properties Against Triple-Negative Breast Cancer"

Roxana Rodríguez
Mainou Lab

"Mechanisms of LGP2-Dependent Regulation of RIG-I Signaling and Dendritic Cell Activation"

Kendra Quicke
Suthar Lab

MMG students, Kara Phipps, Hannah Creager, Jessica Trost, Elizabeth Littauer, Roxana Rodríguez, and Kendra Quicke enjoying the ASV meeting together this summer!