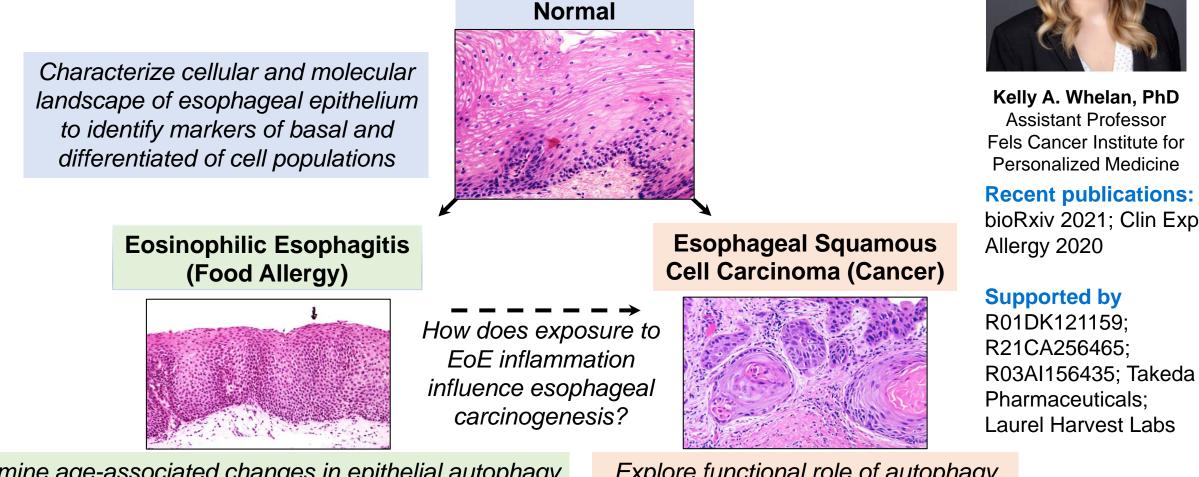
## Whelan Lab Overarching Question

## What are the molecular mechanisms regulating esophageal homeostasis and how do these go awry in esophageal pathologies?



Examine age-associated changes in epithelial autophagy flux in relation to EoE disease phenotype Define the clinical relevance of mitochondrial DNA alterations in EoE patients

Explore functional role of autophagy in ESCC and the use of autophagy inhibitors to improve chemotherapeutic response



Kelly A. Whelan, PhD Fels Cancer Institute for Personalized Medicine

bioRxiv 2021; Clin Exp