

**Erik Lee Snapp, Ph.D.**  
**Director of Student and Postdoctoral Programs**  
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Erik Snapp received a Ph.D. in Molecular Microbiology from Oregon Health Sciences University where he studied protein trafficking in *Leishmania* parasites. To learn live cell imaging and biophysical fluorescence techniques, Erik went to the National Institutes of Health and trained in the laboratory of Jennifer Lippincott-Schwartz. Erik applied these methods to study the endoplasmic reticulum- the site of membrane and secretory protein synthesis and folding. In October 2004, Erik was recruited to the Department of Anatomy and Structural Biology as an Assistant Professor and later became an Associate Professor. Erik's lab focused on studying the cellular machinery that regulates secretory protein biogenesis, unfolded protein stress, and in a related project, developed fluorescent proteins for applications in oxidizing environments. He employs photobleaching microscopy methods (i.e. FRAP) and fluorescent protein tagged chaperones to study chaperone organization and dynamics in living cells. In 2016, Erik left Einstein to become the Director of Student and Postdoctoral Programs at Janelia Research Campus of the Howard Hughes Medical Institute. There he works with high school interns, summer undergraduates, graduate students, and postdocs on developing communication skills and navigating career advances and changes. He continues to work on fluorescent protein development.