

Glenn Randall Bio

Glenn received his B.S. with distinction in Microbiology from the University of Illinois, Urbana-Champaign. After an internship at Abbott Laboratories, he pursued graduate studies at The University of Chicago in the laboratory of Bernard Roizman. His doctoral thesis describes mechanisms by which herpes simplex virus I establishes a latent infection. He then joined the Laboratory of Virology and Infectious Disease at Rockefeller University in New York. His American Cancer Society postdoctoral fellowship was under the mentorship of Charles Rice. His research focused on hepatitis C virus (HCV)-host interactions with an emphasis on the interaction between HCV and cellular RNA interference (RNAi) pathways. He joined the Department of Microbiology at the University of Chicago in August of 2005. Since joining The University of Chicago, Glenn has received numerous awards, including the Schweppe Fellowship, the American Liver Foundation Heman Lopata Hepatitis C Scholar, The University of Chicago DDRCC Outstanding New Investigator, a Career Development Award from the Great Lakes Center for Excellence (NIH/NAIAD) and an American Cancer Society Research Scholar Award. In 2019 he was promoted to Professor and in 2020 appointed Chair of the Committee on Microbiology. In 2020 he was also appointed as the Director of Emerging Infection Research at the Howard Taylor Ricketts Regional Biocontainment Laboratory where he leads COVID-19 research.

Glenn's laboratory investigates the roles of virus-host interactions in replication and pathogenesis. They study emerging RNA viruses, including hepatitis C virus, dengue virus, norovirus, and SARS-CoV-2. They now study the importance of cellular genes in diverse steps of the viral life cycle, including entry, the regulation of viral protein translation and RNA replication, modulation of cellular lipid metabolism, the establishment of viral replication complexes, the secretion of infectious virus, and control of infection by the innate immune system.