Dr. Dana Nayduch is the Research Leader of the Arthropod-Borne Animal Diseases Research Unit at USDA-ARS in Manhattan, KS. She received her B.S. in Animal Science from Rutgers University and Ph.D. in Zoology from Clemson University, where she studied house flies as vectors for pathogens. She was a postdoctoral fellow at Yale University School of Public Health, where she worked on molecular-genetic studies of tsetse flies. In 2004 she joined Georgia Southern University as an Assistant Professor of Biology and was promoted and tenured in 2009. At GSU she received NIH-R15 funding to study house fly-microbe molecular interactions. Dr. Nayduch joined USDA-ARS in August 2011, where she works on molecular and microbiological studies of *Culicoides* midges and house flies. She generated the first big data resources for *C. sonorensis*, co-founding the *Culicoides* Genomics and Transcriptomics Alliance. She cooperates with several laboratories on comparative transcriptomic and microbiomic studies of Muscid flies and is considered an authority on fly-microbe interactions. She has been an active ESA member, including serving as the MUVE-section President. In 2017 she organized and edited the first special collection for Annals: “Filth Fly-Microbe Interactions”.