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**R J Braun\*** (rjbraun@udel.edu), **L J Cummings** and **T A Driscoll**. *Two-layer models for tear film dynamics*.

After each blink, the tear film on the ocular surface establishes a multilayer fluid film that helps protect the ocular surface and promote good vision. Tear breakup (TBU) is a mode of failure of the tear film where the aqueous layer thins dramatically, and it is an etiological factor in dry eye disease, which affects millions. Several aspects of TBU dynamics and properties can be understood well from single layer models of the tear film (Received September 15, 2020)