1109-76-304 **Nicholas Gewecke*** (ngewecke@daltonstate.edu), 650 College Drive, Dalton, GA 30720, and **Rich Braun** and **P. Ewen King-Smith**. *Tear Film Rippling During Blinks.* Preliminary report.

The human tear film is important in promoting ocular health and clear vision, but many dynamics of the film are not yet well-understood. Clinical observations indicate a rippling in the tear film during blinks, primarily when the lid is in motion. Our model incorporates a single-layer tear film with surfactant, lid motion, and a rough corneal surface to simulate these clinical observations, with good agreement. (Received February 03, 2015)