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Allison H Moore*, Department of Mathematics, Rice University, 6100 Main St., Houston, TX 77005, and **Tye Lidman**, Department of Mathematics, University of Texas at Austin, 2515 Speedway Stop C1200, Austin, TX 78712. *Cosmetic crossing changes in knots*. Preliminary report.

The cosmetic crossing conjecture asserts that the only crossing changes which preserve the oriented isotopy class of knot are nugatory. We will discuss techniques in Heegaard Floer homology which can be used to address the cosmetic crossing conjecture for certain classes of knots. This work is joint with Lidman. (Received January 19, 2015)