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Thalia D. Jeffres* (jeffres@math.wichita.edu), Mathematics Department, Wichita State University, Wichita, KS 67260, and **Kirk Lancaster**. *Vertical Blow-Ups for Prescribed Mean Curvature Equations on Nonconvex Domains*. Preliminary report.

Following Professor Lancaster's resolution of the long-outstanding Concus-Finn Conjecture for capillary surfaces over convex domains with a corner, in joint work we are pursuing some extensions of these methods to domains that are nonconvex. (Received February 21, 2007)