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Evan M Witz*, University of Rochester, Department of Mathematics, 915 Hylan Building, Rochester, NY 14627, and **Dan A Geba**, University of Rochester, Department of Mathematics, 806 Hylan Building, Rochester, NY 14627. *Improved global well-posedness for defocusing sixth-order Boussinesq equations.*

We will discuss the global well-posedness for a class of defocusing, generalized sixth-order Boussinesq equations, using the I-method to extend a previous result for the case when the nonlinear term is cubic. This is joint work with Dan-Andrei Geba. (Received August 16, 2019)