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Joshua Sabloff* (jsabloff@haverford.edu), Department of Mathematics and Statistics,
Haverford College, 370 Lancaster Ave., Haverford, PA 19041. *Explorations of Lagrangian
Cobordisms using Generating Families.*

I will discuss the use of generating families in producing constructions of and obstructions to Lagrangian cobordisms between Legendrian submanifolds, with applications to the geography of generating family homology, homotopy groups of spaces of Legendrians, and bounds on the lengths of Lagrangian cobordisms. Various parts of the talk are joint with F. Bourgeois, M. Sullivan, and L. Traynor. (Received January 20, 2015)