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**GORDON HEIER**, University of Houston

*On uniformly effective birationality and the Shafarevich Conjecture over curves*

We will discuss the following recent effective boundedness result for the Shafarevich Conjecture over function fields. Let  $B$  be a smooth projective curve of genus  $g$ , and  $S \subset B$  be a finite subset of cardinality  $s$ . There exists an effective upper bound on the number of deformation types of admissible families of canonically polarized manifolds of dimension  $n$  with canonical volume  $v$  over  $B$  with prescribed degeneracy locus  $S$ . The effective bound only depends on the invariants  $g, s, n$  and  $v$ . The key new ingredient which allows for this kind of result is a careful study of effective birationality for families of canonically polarized manifolds. This is joint work with S. Takayama.