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Stan T Yoshinobu*, stanyoshinobu@mac.com. *Restraint and Coverage: A Characterization of Instructor Change.*

This talk will highlight a case study of 7 college mathematics instructors, trained to implement inquiry-based learning in a weeklong summer workshop. Each instructor implemented inquiry-based learning differently in an upper-level mathematics course. Some instructors chose to use a hybrid approach, mixing traditional methods and inquiry, while others implemented a full inquiry-based learning course. We examine how instructor restraint and concerns about covering enough topics significantly influence instructor decisions about course structure and day-to-day teaching. A framework is also presented to classify instructors along a continuum. (Received September 15, 2008)