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and **Ronald C. King**. *Symplectic Tokuyama's identity*. Preliminary report.

Tokuyama's identity involves the deformation and expansion of Weyl's denominator formula multiplied by a general linear group character. Deformations of Weyl's original denominator formula to other root systems have been discovered, and it is thus natural to look for versions of Tokuyama's identity for these root systems. Our previous work has considered such identities in both the orthogonal and symplectic cases. In this talk we discuss some new results for the symplectic case. (Received August 10, 2015)