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**Elizabeth Drellich\*** (drellich@math.umass.edu). *Peterson Varieties: A Uniform Giambelli's Formula.*

Peterson Varieties are subvarieties of the flag variety. While they are not GKM spaces, there is a one-dimensional torus action on them with nice combinatorial properties. Under this action we can construct a basis of the equivariant cohomology ring of the Peterson variety, and compute in that ring. This talk will give a Giambelli's formula that is uniform across Lie type. (Received August 17, 2013)