# Elizabeth Niese Marshall University

***“***A q-analogue of the hook-length formula***”***

###### **Monday, November 12, 2012**

## Talk at 4:00 – E309

Tea at 3:00 – KINSC Math Lounge, H208

**Abstract:**

The combinatorics community has long had an interest in the hook-length formula for counting standard Young tableaux.  The numbers in the formula can be replaced by certain polynomials to obtain a q-analogue of the traditional formula.  There are many different q-analogues of the hook length formula.   In this talk we review the classical formula and look at a q-analogue of the hook length formula involving Macdonald polynomials.

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