Pure Mathematics Seminar

Infinite Families of Congruences for the Coefficients of Gaussian Polynomial

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Divisibility properties for the unrestricted partition function $p(n)$ are well known. Similar congruences for $p(n, m)$, partitions of n into at most m parts, have been established. Let $p(n, m, N)$ denote the number of partitions of n into at most m parts, no part larger than N. These are the coefficients of Gaussian Polynomials. The purpose of this talk is to state and prove theorems regarding infinite families of congruences for $p(n, m, N)$.

Date: **Friday, December 2, 2016**
Time: **2:15 pm**
Place: **Edinburg:** MAGC 1.302, **Brownsville:** UBLB 2.206

The talk will delivered live at the *Edinburg* campus and will be streamed to the Brownsville campus.

Coffee and cookies will be served.

For further information or for special accommodations, please contact Dr. Sergey Grigorian via email at [sergey.grigorian@utrgv.edu], or Dr. Alexey Garber at [alexey.garber@utrgv.edu], or visit the webpage http://www.utrgv.edu/math/news-events/seminars/puremath/index.htm