

WICHITA STATE UNIVERSITY
Department of Mathematics and Statistics

*The Lecture Series in the
Mathematical Sciences Presents Our Guest:*

Dr. Glenn Fox
Wichita State University

"A p -Adic L-Function of Two Variables"

Abstract:

In an attempt to find congruences of Kummer type for generalized Bernoulli polynomials, as exist for generalized Bernoulli numbers, a p -adic L-function was derived that interpolates expressions involving values of generalized Bernoulli polynomials. This function is a two-variable extension of a known function that interpolates expressions involving generalized Bernoulli numbers. This two-variable p -adic L-function is presented, along with results concerning Kummer congruences for generalized Bernoulli polynomials.

Friday, March 9, 2007
3:00 PM in 372 Jabara Hall

*Please come join us for refreshments before the lecture
at 2:30 p.m. in room 353 Jabara Hall.*