Speaker: Linquan Ma
Purdue University

Wednesday, December 3, 2014
3:00 PM
258 Hurley Hall

Title: On Lech's conjecture

Abstract:

I will talk about a long-standing conjecture of Lech on the multiplicities of a faithfully flat extension of local rings. I will discuss several attempts to attack this conjecture. I will show how this conjecture is related to some questions on modules of finite length and projective dimension and discuss some recent progress.