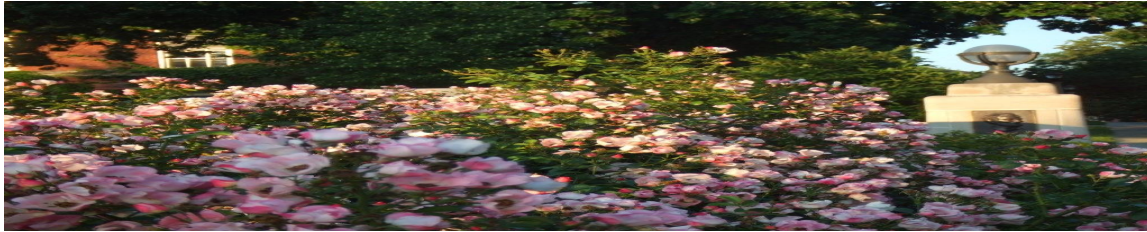


ISU ALGEBRA SEMINAR



SPRING 2017 SCHEDULE

Wednesdays, 11:00 AM-11:50 AM at STV 216

March 8, 2017

Speaker: Sunil Chebolu

Talk title: Additive Subgroups of Commutative Rings - II

Abstract: We address the following natural questions related to a commutative ring R by working with specific examples. When is an additive subgroup of $(R, +)$ an ideal of R ? What are all rings R in which every additive subgroup of $(R, +)$ is an ideal of R ? What is the probability that a randomly chosen additive subgroup of $(R, +)$ is an ideal of R ? This is joint work with Christina Henry (my former graduate student) and has appeared in *Involve*.

