



University of
Central Arkansas™

UCA DEPARTMENT OF MATHEMATICS SEMINAR

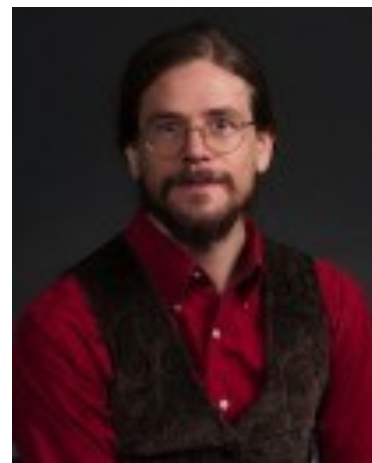
Speaker: **Dr. Jeff Beyerl**
UCA Department of Mathematics

Title: **My Research: Graph Theory and Algebraic
Number Theory**

Date: **Wednesday, April 1, 2015**

Time: **2:00-3:00 p.m.**

Place: **MCS 220**



Abstract: In this talk I will present two unrelated parts of my research program. In graph theory I will present an introduction to graph theory, interval graphs, propriety, and the work that one of our students has recently been involved with. In algebraic number theory I will present an introduction to modular forms, Hecke operators, eigenforms, the Rankin-Cohen bracket operator, and my current work on these.