The Department of Mathematics presents

A Mathematics Colloquium

Thursday April 7, 2016, 4:00–4:50pm
Bond Hall 401

Speaker: Edoh Amiran (WWU)
Title: Corruption with Three Agents: A model and its conclusions regarding factors that lead to the persistence of corruption.

Abstract: In this talk I will describe a dynamic economic model in which infrastructure is allocated by a government agent to a corrupt sector and an honest sector. The corrupt sector pays a bribe in the hope of receiving preferred access to infrastructure. The model thus allows a comparison of options that may be available to producers, in addition to letting the government agent maximize returns. The allocation decision is examined with variations in tax rates, bribe rates, and consumption benefits. The model shows that the two sectors and infrastructure reach a stable growth rate. The analysis examines the dependence of the accumulated capital and of the growth rate on the parameters, and the consequences for strategic behavior by producers.

Cookies provided by Prof. Amiran