

WICHITA STATE UNIVERSITY

Department of Mathematics and Statistics

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

Dr. Kirk Lancaster

Wichita State University

“A proof of the Concus-Finn Conjecture”

Abstract:

My proof of the Concus-Finn Conjecture consists of two steps. The first requires control of the unit normal near the corner of the domain; this is accomplished in the first talk. The second step, which uses a variety of facts from quasiconformal mappings (e.g. Gehring's Lemma), differential geometry (e.g. isothermal coordinates, an estimate by Kenmotsu), etc., will be given in this talk. The idea of the proof is "geometric" and straightforward.

Friday, January 26, 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.*