Special Baylor Mathematics Colloquium for Undergrads, Grad Students, Faculty, *and* Everyone Else!

"How Always to Win at Limbo"

or

"You can sum some of the series some of the time,
and some of the series none of the time…
but can you sum some of the series ALL *of the time?"*

EDWARD B. BURGER

Robert Foster Cherry Professor For Great Teaching

Wednesday, November 3 at 4:00 p.m. in BSB D110

Remember in your days of first-love how you would wonder to yourself: "How close are we?" This talk answers that question by asking: What does it mean for two things to be close to one another? We'll take an odd look at infinite series, dare to mention a calculus student's fantasy, and engage in transcendental meditation. In fact, we'll even attempt to build some exotic series that you can use if you ever need to flee the country: we'll either succeed or fail... come and find out. Will you be at the edge of your seats? Perhaps; but if not, then you'll probably fall asleep and either way, after the talk, you'll feel refreshed. No matter what, you'll learn a sneaky way to always win at Limbo.

All math fans—young and old alike—are invited. A familiarity with infinite series is helpful. If you've heard of the phrase "triangle inequality", then this talk is for you!