2002 Kieval Lecture Series Talks
Featuring
Jack Robertson
from
Washington State University

Thursday, April 11, 2002, 7:30 p.m., SC 118
"The Puzzling Plight of the One Armed Monkey (How Mathematics has Treated Infinite Sets-and Vice Versa)"

Dantzig writes in his book, <u>Number-The Language of Science</u>, "At the very threshold of mathematics we find the dilemma of infinite sets and sequences, like a legendary dragon guarding the entrance to the enchanted garden."

Centuries of doing friendly battle with this dragon has produced surprises, elegant foundational results, and controversy which has shaped our view of the nature of mathematics itself.

Friday, April 12, 9:00 a.m., TA 29/30
"A Potpourri of Wonderful Mathematical Gems"

After a forty-year career as a mathematician, here is a collection of some of my favorite easily accessible results from calculus, number theory, geometry, and mathematical billiards.

Friday, April 12, 3:00 p.m., SC 118
"The Cake-Cutting Problem: Be Fair If You Can as Quickly As You Can"

Since the problem was formally introduced to the mathematical community in 1947 by Professor Hugo Steinhaus, it has blossomed and now has an extensive literature. We will survey what is known, using different definitions of "fair" and using different classes of algorithms. Come learn how to make a risk-free bet.