

**The University of Colorado at Boulder
Department of Mathematics Presents the**

Third Annual Fall Convocation Lecture

**Professor George Andrews
Penn State University**

**“Ramanujan, the Lost Notebook,
and Related Incidents”**

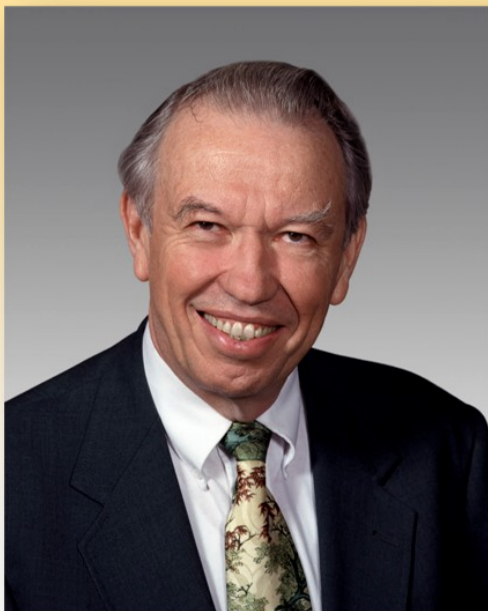
Thursday, September 8, 2011

5:00 pm

MATH 100

(Pizza and refreshments to follow in MATH 175)

In 1976 quite by accident, I stumbled across a collection of about 100 sheets of mathematics in Ramanujan's handwriting; they were stored in a box in the Trinity College Library in Cambridge. I titled this collection "Ramanujan's Lost Notebook" to distinguish it from the famous notebooks that he had prepared earlier in his life. On and off for the past 35 years, I have studied these wild and confusing pages. Some of the weirder results have yielded entirely new lines of research. I will try to provide a gentle account of where these efforts have led. I will conclude with a couple of stories about associated TV and film projects that arose because of this discovery.



George Andrews is Evan Pugh Professor of Mathematics at Penn State University and an expert in many areas of number theory. He has a long-term interest in the work of S. Ramanujan, whose last notebook he unearthed in 1976. He is now collaborating with Bruce Berndt on a series of volumes explicating the brilliant and sometimes enigmatic ideas in this notebook. Andrews was elected to the National Academy of Sciences (USA) in 2003. He is Immediate Past President of the American Mathematical Society.