

THE COLLEGE OF SCIENCES AND MATHEMATICS &
THE R. W. YEAGY COLLOQUIUM PRESENT:

Abstract Characterizations in Operator Theory and Some Applications

By

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Monday, March 6th @ 2:30PM,
Math Building 357

Abstract characterizations occur frequently in mathematics. Roughly speaking, an abstract characterization is a way of extracting the essential structure of a mathematical object that normally exists in a highly structured and complex setting. In this talk, I will provide an overview of some abstract characterizations that occur in the theory of operator spaces. I will illustrate how quantum physics has motivated some of these ideas and how these ideas are now contributing to the theory of quantum computation.