Abstract
Since the mid-twentieth century, it has been argued that entrepreneurship is a vital component for economic growth, innovation and employment. In addition, it is expected that university graduates promote the creation of innovative firms. However, little is known about the reasons that lead a person to make the decision to undertake starting an enterprise. This article aims to present the preliminary results of research on the entrepreneurial intentions of students in the School of Mining at the National University of Colombia, Medellin Campus. This field research had an exploratory, transversal, nonexperimental design. 477 surveys were conducted with students at the School during the months of October and November, 2010. The obtained information was processed using the statistical package R. Four basic types of students were identified and characterized according to their entrepreneurial intentions, verifying the explanatory capacity of the Segal, Borgia, and Schoenfeld model. Conclusions are that improvements can be made to the Entrepreneurial Intentions Model that would increase the model¿s explanatory power.

Keywords
Entrepreneurship, university, entrepreneurial intentions, education for entrepreneurship, Medellin