

TECHNOLOGY TRANSFER IN MATERIALS SCIENCE

Diana Farkas¹

Abstract

In this talk we will explore particular aspects of the technology transfer process, and the impact of basic research in the development of new technologies and new materials. An important part of this process is the transfer of new discoveries from academia to industry in the innovation, laboratory to market, path. The talk will explore the critical role that major research universities play in the process of innovation, with specific examples in the materials science area. In a second part of the talk we will explore international aspects of scientific and technological cooperation, and how this relates to the innovation process.

¹ *Virginia Tech.*