

Session 2 (a): S&T personnel issues -2

Influences on the Development of Advanced Students in Science and Technology

Prof. Christopher T. Hill

Vice Provost for Research, George Mason University, US
(Principal, Technology Policy International)

It is recognized around the world that training graduate students for research careers has a great deal in common with traditional master-apprentice relationships, in which the formation of students is heavily influenced by personal relationships with senior professors and other mentors. However, certain systemic factors also influence the development of advanced students. This paper will examine a few such factors, such as modalities of financing of advanced education, influence of immigration rules and international students generally, opportunities for internships in industry and government laboratories, publishing expectations, and even examination practices. Reflections on cross-national differences will be offered where possible.