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Quantum Lab Coats in Hollywood: Scientists' Impact on Cinema – Cinema's Influence on Science

Modern Science has become a prominent feature in contemporary Hollywood cinema with several recent box office successes having science at their core. But, the scientific community has long standing concerns about cinema's impact on public attitudes towards science. Anxiety over Hollywood science has led many scientists to become consultants for movie productions in order to influence how stories about science are told through this medium. In this talk I will

elaborate on the backstage role scientific experts play in negotiating information transfer between the scientific community and the entertainment community. I will also discuss the constraints filmmakers face when attempting to incorporate science. In addition, I will explore the ways in which movies influence science itself including how movies promote research fields, stimulate technological development, and impact the cultural meanings of science.

