

Another point this chapter makes is that ideally, science and science policy should aim to enhance the public good. However, a lack of coordination between the policy process and science can inhibit this.

and policymakers operate in very different worlds with different norms and ways of thinking that can conflict. Policymakers can lack understanding of the scientific method, and they are frustrated when the scientific process only uncovers

Why scientific policy is important and why it matters to have a stable, national environment within which to perform research.

We need to adapt to a new model for “understanding ... the relationship between scientific advancement and technological innovation” in order to create better science policy.

concerns seem to guide science funding, rather than a general zest for discovering new science among the public(i.e. viewing science research as a tool to accomplish goals rather than a practice to be

technologically superior after the Sputnik moment, the 70's and energy crisis, and again from the 90's to now which are focused on life sciences (“the baby boomers are approaching old age, and the life sciences

I think that science has much less authority now in politics than it did in the Sputnik-era.

neoliberal capitalist-driven policies rule a lot of our policy now, and economic and profit-based interests inform what is in development.

in our current political system, I think we have major problems with the scientific literacy of our lawmakers

Rather, scientific enterprise today has been honed toward navigating through existing policy in order to maximize available research funding

primarily focused on results with potential for immediate “development”. In this way, the need for a realistic model for how science, technology, research, and development are related is necessary for crafting better

for crafting better science policy

public is much less interested in the problems our society faces that can be solved with more resources directed to scientific ventures, as they are not as sensational or marketable as the original Sputnik

original Sputnik moment.