Programs and Initiatives at the National Science Foundation

Recent trends and future plans for the National Science Foundation initiatives include the National Nanotechnology Initiative, Cyber-enabled Discovery and Innovation, Adaptive Systems Technology, Dynamics of Water Processes in the Environment, and Science and Engineering Beyond Moore’s Law. Research themes for the Engineering Directorate include Cognitive Engineering: Intersection of Engineering and Cognitive Sciences, Competitive Manufacturing and Service Enterprise, Complexity in Engineered and Natural Systems, Energy/Water and the Environment, and Systems Nanotechnology. Details of these topics, including proposed and present budgets, will be discussed. Changes in review criteria, new division and program structures, future workshops and examples of research supported will also be presented.