

Review

The Quest for Nanotechnology: The United States of America Experience

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Abstract

Nanotechnology is the understanding and control of matter at the nanoscale, at dimensions between approximately 1 and 100 nanometers, where unique phenomena enable novel applications. Nano research and investigations encompass nanoscale science, engineering, and technology. This paper highlights the goals, structure, vision and contributions of the stakeholders in their efforts to ensure that the USA remains the world leader in the field of nanotechnology.