

DEB NEWBERRY, PhD

CEO

Newberry Technology Associates



Bio: Deb Newberry has been involved with research, emerging technology, and nanotechnology for several decades. She served as the Director/Instructor of the Nanoscience Technician program at Dakota County Technical College in Rosemount MN from 2004–2018. She created the 72-credit nanoscience technician program in 2003 and began the program with National Science Foundation funding. Deb also served as the Director and Principal Investigator of the Center for Nanotechnology Education, Nano-Link, for over 10 years. Nano-Link has been funded by over \$12M from the National Science Foundation. Nano-Link educational content, developed by Deb, has been used by over 900 educators and has reached over 100,000 students. She is a nanotechnology book author and co-author, has written over 12 book chapters and presented more than 250 presentations and tens of educator workshops.

Deb Newberry is currently serving as CEO of Newberry Technology Associates (NTA), a company that provides expertise in decision making efficiency and implementation via The Compass Process™, emerging technologies, strategic planning, technology evolution, and product development. The NTA team performs business and competitive analysis for multiple technologies including nanotechnology, electronics, photonics, material science, additive manufacturing, and biotechnology. The strategic focus is to determine how emerging technologies may impact products, companies, and market segments. Prior to her career in education, Deb worked in the corporate world for 24 years performing thermal and radiation testing and analysis on satellite systems and then serving as Executive Director managing over \$450M in satellite programs.

Ms. Newberry led a national committee with a focus on determining the impact of nanotechnology on satellite electronics and has served on multiple advisory boards as well as state and national commissions. She is a member of professional organizations such as the IEEE, ACS, MRS, RCS, and ASEE and serves on multiple conference planning committees.