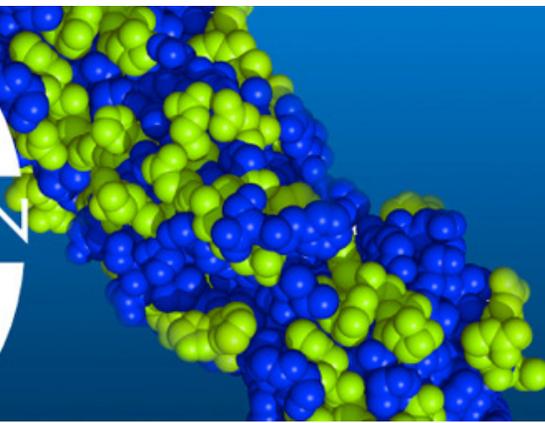


100 YEARS OF INNOVATION



ALUMNI SPOTLIGHT

William D. Provine '92PhD has spent his career at DuPont leading the development and commercialization of major business programs. Currently director of science and technology external affairs, he is responsible for defining strategic departmental goals with collaborators and stakeholders including the federal government, universities, other companies and the public sector at large.

Bill began his career as a research engineer in DuPont's Central Research and Development department, where he investigated process optimization and development of novel catalysts for the manufacture of vinyl acetate.

He then transferred to the Edgemoor, DE site where he worked on optimizing the company's titanium dioxide manufacturing process. Shortly thereafter he became production area manager of the plant, leading the site to zero recordable injuries or serious environmental incidents while supervising the operation of 24/7 production demands.

For the next three years Bill remained in titanium technologies. As technical marketing consultant he spearheaded the creation of a coatings marketing plan in Latin America, and managed customer development projects throughout North America, Latin America and Europe. He also served as research manager helping to create solutions to longstanding technical challenges.

As a result of that managerial role, he created a business venture focused on the development of ultrafine and nanoparticle titanium dioxide. As part of this project, he also became a founding member of the International Council on Nanotechnology at Rice University.

After the success of those initiatives, Bill transitioned into biotechnology. Hired as global technology manager of biofuels, he launched and directed R&D programs in biobutanol and cellulosic ethanol while managing complex collaborations with U.S. governmental agencies and other global companies.

From there he took on a ventures development manager role focused on the commercialization of the biobutanol program, and he formed a joint venture between BP and DuPont that became Butamax Advanced Biofuels, LLC. Upon returning to R&D Bill became science director of the Central Research and Development department, and served on Butamax's board of directors before transitioning to his current position.

Outside of his primary duties, Bill serves on the US Department of Commerce – Bureau of Industry & Security's Emerging Technology and Research Advisory Committee, and the USDA/DOE Biomass R&D Technical Advisory Committee. He is also a fellow of the American Association for the Advancement of Science and a founding member of the World Council on Industrial Biotechnology.

For a full list of Bill's accomplishments visit his [Linkedin page](#)