

Vann Bush**Managing Director, Energy Supply & Conversion****Gas Technology Institute**

Mr. Bush has over 40 years of experience in energy technology development and demonstration. For the last 14 years he has overseen GTI's programs to increase the supply of affordable and environmentally acceptable energy. Active programs encompass bench-scale to commercial demonstration scale, and include optimizing the environmental performance and productivity of hydraulic fracturing production, demonstrating GTI's biofuels production process, and proving CO₂ capture and utilization technologies. Other substantial ongoing efforts for low-carbon power and chemicals production include developing, piloting, and demonstrating gasification and partial oxidation technologies, pressurized oxy-combustion processes, sorption enhanced reforming for hydrogen generation, and supercritical CO₂ power cycle technologies.

Before joining GTI, Mr. Bush was employed at Southern Research in various positions up to Vice President of the Environment & Energy Division. There he managed and performed research projects in coal combustion, biomass co-firing, source and ambient emissions monitoring, emissions control systems, and technologies to mitigate greenhouse gas emissions.

Mr. Bush has undergraduate degrees in Mathematics and Physics from the University of North Alabama, and an M.S. in Physics from the University of Alabama at Birmingham.