Dennis A. Bowman, is the 2021 recipient of the Cyrus Hall McCormick - Jerome Increase Case Gold Medal for outstanding achievements in watershed management and modeling that have enabled science-based management decisions by scientific, regulatory, and stakeholder communities.

Bowman is a vehicle engineering lead at the John Deere Product Engineering Center in Waterloo, Iowa. In this capacity, he works with colleagues to assure that program hardware meets all performance, cost, investment, reliability and durability goals while remaining on schedule. His numerous engineering feats are visible on tractors today; his experience and engineering skills have contributed significantly to how modern tractors are produced. Bowman’s career has revolved around the John Deere flagship 8000 Series tractors, where his engineering skills have improved operator comfort and overall efficiency. Bowman’s work has contributed positively to product sales and John Deere large tractor market share.

In addition to his impressive technical skills, Bowman is also an excellent mentor. He leads and mentors design engineers in all aspects of tractor design and development. He has a strong understanding of the entire process of producing a tractor. He works well with marketing, manufacturing, quality, and supply management teams coordinating the process from start to finish. His ability to ensure the various disciplines appreciate each other’s respective contributions to the business builds respect among the stakeholders in product development and allows gains in efficiency through improved technical exchange. Working with engineers early in the development of a product and helping them understand the function of their area of responsibility creates synergy. His work with customers on special applications is especially interesting and challenging for him as it allows a fresh perspective in changing farming trends and the needs associated with those trends.

Bowman is a 42-year member of ASABE and an active member of SAE International. Bowman is an active leader within his community, leading STEM activities and serving on his local 4-H County Youth committee. Throughout his career, Bowman has received numerous awards including being inducted as a 2018 John Deere Fellow. He also received a John Deere Chairman’s Innovation Award for the 8RT Track Tractor. He was also recognized by the ASABE Iowa Section with the Engineer of the Year award.