



**JAMES MADISON**  
UNIVERSITY®

**Chemistry and Biochemistry Department Seminar**  
Friday, April 10, 2020  
3:35pm in ISAT 159

# **Operations and Process Development: My Experience at Merck & Co., Inc.**

## **Chuck Vencill, Ph.D.**

Vice President Technology and Engineering (*Retired*)  
*Merck & Co., Inc.*  
Elkton, VA

Dr. Vencill will share his 25 year experience at Merck. He will cover the process and cost of new pharmaceutical drug development and the role that operations and process development play in that process. He will also review various career opportunities for chemists in process development and operations at a pharmaceutical company including examples of actual Merck projects. He will finish with a discussion of the complexities involved in the launch of one of the early effective treatments for AIDS, CRIXIVAN, the production of which occurred primarily at the Merck facility in Elkton, VA.