



Ronald (Ron) is employed as a Staff Researcher at General Motors Research and Development, Propulsion Systems Research Lab. He has over 20 years of experience in CFD modeling of internal combustion engines. Ron received his undergraduate degrees from Clark Atlanta University and the Georgia Institute of Technology in Mathematics and Mechanical Engineering, respectively. Ron received his masters and

doctoral degrees in Mechanical Engineering from the University of Michigan in Ann Arbor, MI. Ron's areas of expertise are modeling fuel sprays, in-cylinder air-fuel mixing, gasoline engine combustion, and thermal management of electric vehicle components.

In 2014, Ron was recognized nationally with the Black Engineer of the Year Most Promising Scientist Award in Industry. He formally served as industry co-chair of the USDRIVE Advanced Combustion and Emissions Control (ACEC) Tech Team.

Currently, Ron serves as a member of the ASME Internal Combustion Engine (ICE) Division Executive Committee as an Industry Advisor and committee member for the ASME Internal Combustion Engine Award. Ron has 6 US Patents, 9 internal GM trade secrets, and 50+ external publications & presentations.