About the Author

Ryan G. McClarren first tried to use computers to solve scientific problems in middle school when he thought his self-taught BASIC programming skills might make his algebra homework easier. Currently, he is Associate Professor of Aerospace and Mechanical Engineering at the University of Notre Dame. He obtained his Ph.D. (nuclear engineering and radiological sciences) from the University of Michigan. He is an active researcher in numerical methods for radiation transport problems and uncertainty quantification. Prior to joining Notre Dame, he was Assistant Professor of Nuclear Engineering in the Dwight Look College of Engineering at Texas A&M University, and was a scientist at Los Alamos National Laboratory in the Computational Physics and Methods Group (CCS-2). He is the author of over 40 publications appearing in peer-reviewed journals, including the Journal of Computational Physics, Nuclear Science and Engineering, Physics of Plasmas, and the Journal of Computational and Theoretical Transport. He also has extensive experience in applied data science and has consulted for a variety of large firms applying computational science to problems in the retail, banking, and entertainment spaces. He lives in Indiana with his wife, Katie and their four children: Beatrix, Flannery, Lowry, and Cormac.