1163-97-1000 Steven B Horton\* (mathlete005@gmail.com) and William C Bauldry

(bauldrywc@appstate.edu). MCM Director's Overview of the Mathematical Contest in Modeling: What Advisors Need to Know.

The Mathematical Contest in Modeling (MCM) is an undergraduate level contest occurring annually in February. In 2020, students formed over 13,700 teams to address one of three open-ended problems (A-Continuous, B-Discrete, C-Data Insights) during the 100-hour weekend contest period. During the contest students build and analyze a model to address the problem, and then write a 25-page paper to showcase their work. We will discuss the MCM in general and will examine some sample problems to highlight characteristics of a competitive paper. We will also provide insights to advisors on how to put together a team, prepare for the contest, and be successful. (Received September 14, 2020)