Suzanne Galayda* (sgalayda@nmsu.edu) and Alexandra D'Italia. Writing Critically with Enthusiasm for Mathematicians.

Mathematicians are no strangers to writing. Yet the standard top to bottom writing process of outline, draft, and rewrite often fails when the object to be written is an article or dissertation. Writers of all types can get caught in between their enthusiasm for the subject and their inner critic. We often call this writer's block. In this talk, we discuss ways to harness that enthusiasm and the inner critic to set ideas on paper and proceed toward the finished object. We reconsider the role of the first draft and the process of revision. In doing so, we examine the roles a writer assumes during the writing process: The Madman, The Architect, The Carpenter and The Judge. We discuss how applying these roles outside of a top to bottom writing format can facilitate clear, concise, critical writing with more ease than standard approaches. (Received September 21, 2009)