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Eva Marie Strawbridge* (strawbem@jmu.edu), MSC 1911, James Madison University, Harrisonburg, VA 22807. *Past, Current, and Potential Interdisciplinary Undergraduate Research Problems in Math Biology.*

In this talk I will describe how we have incorporated experiment and mathematical theory together using theoretical, computational and experimentally driven questions in the JMU WORM Lab as well as some of the past successful and current projects which have come out of this group. I will also discuss some potential open and accessible avenues of undergraduate research in this area and how I would approach them as an undergraduate research mentor. (Received September 09, 2016)