

1125-I1-2523      **Michael Sebastian Gagliardo\*** (mgagliar@callutheran.edu) and **Rafaela Fiore-Urizar**.  
*Barcelona Through the Looking Glass: A travel seminar on Mathematics, Architecture, and Detective Fiction.*

In Spring/Summer 2015 we ran a semester long course and two week travel seminar to Barcelona, Spain investigating the connections between Mathematics, Architecture, and Detective Fiction. The main mathematical content focused on the Art and Architecture of Antoni Gaudi. This course was for non-majors and included many hands on activities designed to illuminate some of Gaudi's creation techniques. In this talk, I will discuss some of these activities and some connections between Mathematics, Architecture, and Detective fiction. (Received September 20, 2016)